

GOVERNMENT OF KERALA

STATISTICS FOR PLANNING 1988

DEPARTMENT OF ECONOMICS & STATISTICS

TRIVANDRUM

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Sub. National Systems Unit,
National Institute of Education
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P R E F A C E

Statistics for planning published at periodic intervals is the most important and comprehensive publication of the Department of Economics & Statistics, Government of Kerala. The present issue of 1988 is the sixth in the series. Attempts have been made to present latest data on all important aspects of Kerala economy. In view of the importance given to district level planning, district-wise data on important sectors are also given in this publication. It is hoped that this publication would be of considerable use to planners on the eve of the formulation of Eighth Five Year Plan of the State and also to those interested in studying the various aspects of Kerala economy. Suggestions for improvement are most welcome.

I wish to place on record my appreciation of the unstinted co-operation extended by the officers and staff of the directorate in bringing this publication in a short time.

K. Balakrishnan Nair
Director of Economics & Statistics.

Thiruvananthapuram,
1-12-1988.

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1.1 Projected population of India as on 1st march & growth rates

Year	Population in '000s			Annual growth rate (%)
	Persons	Male	Female	
1	2	3	4	5
1981	685159	354384	330775	-
1982	700191	361976	338215	2.17
1983	715328	369632	345696	2.14
1984	730540	377336	353204	2.10
1985	745796	385060	360736	2.07
1986	761070	392787	368283	2.03
1987	776338	400507	375831	1.99
1988	791567	408205	383362	1.94
1989	806772	415891	390881	1.90
1990	821893	423587	398406	1.87
1991	837249	431301	405948	1.84
1992	852515	439023	413492	1.80
1993	867769	446739	421030	1.77
1994	882991	454439	428552	1.74
1995	898159	462110	436049	1.70
1996	913246	469738	443508	1.67
1997	928218	477303	450915	1.63
1998	943037	484784	458253	1.58
1999	957658	492156	465502	1.54
2000	972031	499390	472641	1.49
2001	986099	506454	479645	1.44

Source: Report of the expert committee on population projections for India upto 2001. Quoted from year book 1985-86, Family welfare programme in India, Government of India.

1.2 Projected population of States as on 1st march (in 000's)

State	1981	1988	1989	1990	1991	2001
1	2	3	4	5	6	7
1. Andhra pradesh	53550	61010	62088	63159	64215	73523
2. Assam	19897	23363	23904	24456	25014	30518
3. Bihar	69915	81156	82925	84733	86572	105869
4. Gujrat	34086	39071	39733	40377	40998	46531
5. Haryana	12923	15513	15832	16140	16443	18906
6. Himachal pradesh	4281	4866	4946	5026	5104	5807
7. Jammu & Kashmir	5962	6995	7143	7290	7438	8859
8. Karnataka	37136	42970	43776	44569	45345	52047
9. Kerala	25454	28782	29227	29666	30099	34189
10. Madhya pradesh	52179	60626	61835	63048	64266	75091
11. Maharastra	62784	72091	73154	74203	75277	86877
12. Manipur	1421	1687	1725	1762	1799	2141
13. Meghalaya	1336	1615	1654	1693	1732	2124
14. Nagaland	775	1021	1059	1098	1137	1572
15. Orissa	26370	29892	30407	30924	31445	36301
16. Punjab	16789	19087	19335	19571	19803	22043
17. Rajasthan	34262	41295	42376	43476	44593	55983
18. Sikkim	316	407	422	436	450	592
19. Tamilnadu	48408	54178	54936	55677	56408	*63070
20. Tripura	2053	2429	2480	2530	2580	3064
21. Uttar pradesh	110862	128241	130943	133691	136473	165624
22. West benqal	54581	62542	63686	64816	65928	75846

Source: Report of the expert committee on population projections.

1.3 District-wise area and population particulars of Kerala 1981

District	Area in Sq Km.	Popula- tion ('000s)	Decadal growth rate (1971-81)	Sex ratio	Density of popu- lation/ sq.km.	Percentage of urban population
1	2	3	4	5	6	7
1. Trivandrum	2192	2596	18.08	1030	1184	25.26
2. Quilon *	2579	2193	NA	1021	850	15.37
3. Pathanamthitta *	2731	1108	NA	1056	406	5.60
4. Alleppey*	1256	1866	NA	1044	1486	18.45
5. Kottayam	2204	1697	10.29	1001	770	9.37
6. Idukki*	4998	969	NA	966	194	4.59
7. Ernakulam	2408	2535	17.18	998	1053	39.56
8. Trichur	3032	2440	14.60	1100	805	21.10
9. Palghat	4480	2044	21.30	1056	456	10.11
10. Malappuram	3548	2403	29.43	1052	677	7.40
11. Kozhikode	2345	2245	23.25	1021	957	27.18
12. Wayanad	2132	554	33.87	951	260	Nil
13. Cannanore	2997	1931	14.94	1039	644	31.75
14. Kasaragod	1961	873	28.00	1021	445	4.93
State	38863	25454	19.24	1032	655	18.74

Source : Census of India 1981

*provisional

District-wise projected population of Kerala as on 1st march (in '000s)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	Census popln.										
	2										
	2596	2643	2690	2739	2788	2838	2889	2941	2994	3048	3103
	2193	2232	2272	2313	2355	2397	2441	2485	2529	2575	2621
	1108	1128	1148	1169	1190	1211	1233	1255	1277	1301	1324
	1866	1899	1934	1968	2004	2040	2076	2114	2152	2191	2230
	1697	1728	1759	1791	1823	1856	1889	1923	1958	1993	2029
Idukki	969	987	1004	1022	1041	1059	1079	1098	1118	1138	1159
Ernakulam	2535	2581	2627	2674	2723	2772	2822	2872	2924	2977	3030
Trichur	2440	2483	2528	2574	2619	2667	2715	2764	2814	2864	2916
Palghat	2044	2081	2119	2157	2196	2235	2275	2317	2358	2400	2444
Malappuram	2403	2446	2490	2535	2580	2627	2674	2722	2771	2821	2872
Kozhikode	2245	2286	2327	2369	2411	2455	2499	2544	2590	2636	2684
Wayanad	554	564	574	584	595	606	617	628	639	651	662
Cannanore	1931	1965	2001	2037	2074	2111	2149	2187	2227	2267	2308
Kasaragod	873	889	905	921	937	954	971	989	1007	1025	1043
State	25454	25912	26378	26853	27336	27828	28329	28839	29358	29887	30425

Source : Department of economics & statistics. * It may be noted that the projected population of Kerala given in the table varies from that of 1,2 as projections are made by two different methods.

1.5 Projected population of municipalities and corporations (in '000s)

Corporations/ municipalities	Census popln.		Estimated population			
	1981	1988	1989	1990	1991	
	1	2	3	4	5	6
1. Neyyattinkara	28.0	31.2	31.7	32.2	32.7	
2. Trivandrum Corp.	483.1	542.2	551.2	560.4	569.7	
3. Nedumangad	44.0	48.8	49.5	50.3	51.0	
4. Attingal	29.6	31.6	31.9	32.2	32.5	
5. Varkala	34.0	37.0	37.5	38.0	38.4	
6. Quilon	137.9	148.5	150.0	151.6	153.2	
7. Punalur	43.0	46.8	47.4	47.9	48.5	
8. Pathanamthitta	33.0	36.3	36.8	37.3	37.8	
9. Thiruvalla	29.2	31.1	31.4	31.7	32.0	
10. Chengannur	24.9	25.2	25.3	25.3	25.4	
11. Mavelikkara	26.6	27.3	27.4	27.5	27.6	
12. Kayamkulam	61.3	67.0	67.8	68.7	69.5	
13. Alleppey	169.9	177.1	178.2	179.2	180.3	
14. Sherthalai	40.5	43.3	43.8	44.2	44.6	
15. Vaikom	21.1	21.9	22.0	22.1	22.2	
16. Changanacherry	52.0	54.5	54.9	55.2	55.6	
17. Kottayam	64.4	67.4	68.0	68.5	69.0	
18. Palai	21.6	22.6	22.8	22.9	23.1	
19. Thodupuzha	35.7	52.1	54.9	58.0	61.2	
20. Muvattupuzha	25.3	27.8	28.2	28.6	28.9	

(contd.)

1	2	3	4	5	6
21. Kothamangalam	33.1	37.4	38.1	38.7	39.4
22. Trippunithura	43.6	49.4	50.3	51.2	52.1
23. Cochin corp.	513.2	572.5	581.5	590.7	600.0
24. Alwaye	25.3	26.2	26.3	26.4	26.5
25. Parur	26.3	27.7	27.9	28.1	28.3
26. Perumbavoor	23.1	24.7	25.0	25.2	25.5
27. Angamaly	28.3	31.3	31.8	32.2	32.7
28. Chalakudy	41.9	45.2	45.7	46.2	46.7
29. Irinjalakuda	26.1	26.6	26.7	26.7	26.8
30. Kodungallur	28.3	30.4	30.7	31.1	31.4
31. Chawghat	34.3	38.2	38.8	39.4	40.1
32. Guruvayur township	17.9	19.4	19.6	19.9	20.1
33. Kunnamkulam	19.4	20.2	20.3	20.5	20.6
34. Trichur	77.9	79.1	79.3	79.5	79.6
35. Shornur	35.1	38.0	38.5	38.9	39.3
36. Chittur	30.4	31.8	32.0	32.2	32.4
37. Palghat	111.2	123.5	125.4	127.3	129.2
38. Ponnani	43.2	49.4	50.3	51.3	52.3
39. Tirur	40.8	48.1	49.2	50.4	51.6
40. Malappuram	39.8	46.3	47.4	48.4	49.5
41. Manjeri	54.0	65.3	67.0	68.9	70.8
42. Calicut corp.	394.4	443.2	450.6	458.2	465.9
43. Badagara	64.2	72.5	73.7	75.0	76.4
44. Tellicherry	75.6	80.7	81.5	82.3	83.0
45. Cannanore	60.9	65.3	65.9	66.6	67.2
46. Kasaragod	43.1	50.0	51.0	52.1	53.2
47. Kanhangad	46.2	55.9	57.4	59.0	60.6

1.6 District-wise population of scheduled castes and scheduled tribes in Kerala 1981

District	Scheduled		Total SC&ST	% to total population		
	castes	tribes		SC	ST	Total
1	2	3	4	5	6	7
1. Trivandrum	284279	14145	298424	10.94	0.54	11.48
2. Quilon*	271418	3063	274481	12.40	0.13	12.53
3. Pathanamthitta*	138188	5720	143908	12.45	0.52	12.97
4. Alleppey*	173884	2665	176549	9.32	0.14	9.46
5. Kottayam	119377	15227	134604	7.01	0.90	7.91
6. Idukki*	132677	37979	170656	13.73	3.92	17.65
7. Ernakulam	216443	3551	219994	8.52	0.14	8.66
8. Trichur	302085	3227	305312	12.38	0.13	12.51
9. Palghat	376424	28794	405218	18.40	1.41	19.81
10. Malappuram	208018	7955	215973	8.66	0.33	8.99
11. Kozhikode	161715	3888	165603	7.21	0.17	7.38
12. Wayanad	21130	95557	116687	3.79	17.24	21.03
13. Cannanore	78283	15139	93422	4.09	0.78	4.87
14. Kasaragod	65461	24565	90026	7.45	2.81	10.26
State	2549382	261475	2810857	10.01	1.03	11.04

Source: Census of India 1981

*provisional

1.7 District-wise population by religion of head of household 1981 (in '000s)

District	Hindus	%	Muslims	%	Christians	%	Others	%	Total	%
1	2	3	4	5	6	7	8	9	10	11
Trivandrum	1812	69.80	325	12.52	459	17.68	-	-	2596	100.0
Quilon*	1425	64.98	362	16.51	406	18.51	-	-	2193	100.0
Pathanamthitta*	610	55.06	53	4.78	445	40.16	-	-	1108	100.0
Alleppey*	1286	68.92	157	8.41	423	22.67	-	-	1866	100.0
Kottayam	807	47.55	84	4.95	806	47.50	-	-	1697	100.0
Idukki*	488	50.36	63	6.50	418	43.14	-	-	969	100.0
Ernakulam	1173	46.27	340	13.41	1019	40.20	3	0.12	2535	100.0
Trichur	1464	60.00	363	14.88	613	25.12	-	-	2044	100.0
Palghat	1495	73.14	473	23.14	76	3.72	-	-	2440	100.0
Malappuram	772	32.13	1574	65.50	57	2.37	-	-	2403	100.0
Kozhikode	1375	61.25	762	33.94	108	4.81	-	-	2245	100.0
Wayanad	280	50.54	136	24.55	136	24.55	2	0.36	554	100.0
Cannanore	1256	65.04	464	24.03	211	10.93	-	-	1931	100.0
Kasaragod	559	64.03	257	29.44	57	6.53	-	-	873	100.0
State	14802	58.15	5413	21.27	5234	20.56	5	0.02	25454	100.0

Source: Census of India 1981

*provisional

1.8 Percentage of population under different religions

Religion	Percentage to total population		Decadal growth rate (%)
	1971	1981	
1	2	3	4
Hindus	59.41	58.15	16.70
Christians	21.05	20.56	16.46
Muslims	19.50	21.25	29.96
Others (including religion not stated)	0.03	0.03	20.44
Total	100.00	100.00	19.24

Source: Census of India 1981

1.9 Sex-wise literacy rates in Kerala - 1981 (percentage)

District	General			Scheduled caste			Scheduled tribes		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10
1. Trivandrum	75.29	65.83	70.49	64.41	53.84	59.00	62.87	53.37	58.06
2. Qullon*	77.42	68.59	72.96	63.22	50.54	56.83	53.58	46.55	50.10
3. Pathanamthitta*	81.82	78.03	79.87	68.12	58.53	63.30	55.97	50.02	53.02
4. Alleppey*	81.71	73.34	77.44	73.13	61.01	67.01	55.19	43.98	49.61
5. Kottayam	83.96	79.38	81.67	76.29	67.24	71.79	75.51	71.78	73.63
6. Idukki*	72.41	62.61	67.60	57.76	39.68	48.76	47.23	39.33	43.35
7. Ernakulam	80.77	72.91	76.84	68.89	57.34	63.10	55.74	49.27	52.60
8. Trichur	77.28	70.18	73.56	63.52	53.02	58.16	34.33	25.18	29.90
9. Palghat	64.79	51.62	58.02	49.85	34.31	41.93	16.02	7.97	12.04
10. Malappuram	65.93	55.36	60.51	54.17	41.45	47.71	19.94	12.90	16.33
11. Kozhikode	76.60	63.84	70.16	69.27	55.36	62.26	25.95	16.91	21.45
12. Wayanad	64.79	51.48	58.30	55.67	39.96	48.09	27.30	14.24	20.74
13. Cannanore	76.14	65.14	70.53	67.80	54.24	61.00	34.32	18.03	26.28
14. Kasaragod	63.43	46.94	55.10	37.28	23.43	30.40	48.39	26.11	37.43
State	75.26	65.73	70.42	62.33	49.73	55.96	37.52	26.02	31.79

Source: Census of India 1981

*provisional

1.10 Age-wise distribution of population in Kerala 1981 (in '000s)

Age group	Population in '000s			Percentage distribution		
	Males	Females	Total	Male	Female	Total
1	2	3	4	5	6	7
0 - 4	1378	1343	2721	11.00	10.39	10.69
5 - 9	1481	1441	2922	11.82	11.15	11.48
10 - 14	1643	1615	3258	13.12	12.50	12.80
15 - 19	1440	1568	3008	11.49	12.13	11.82
20 - 24	1256	1364	2620	10.03	10.55	10.29
25 - 29	1006	1083	2089	8.03	8.38	8.20
30 - 34	792	790	1582	6.32	6.11	6.22
35 - 39	677	728	1405	5.41	5.64	5.52
40-44	562	569	1131	4.49	4.40	4.44
45 - 49	578	595	1173	4.61	4.60	4.61
50 - 54	446	445	891	3.56	3.44	3.50
55 - 59	372	370	742	2.97	2.86	2.92
60 - 64	330	349	679	2.63	2.70	2.67
65 - 69	241	278	519	1.92	2.15	2.04
70 & above	326	388	714	2.60	3.00	2.80
Total	12528	12926	25454	100.00	100.00	100.00

Source: Census of India 1981.

1.11 Percentage distribution of population in Kerala according to marital status

Marital Status	1971			1981		
	Persons	Male	Female	Persons	Male	Female
1	2	3	4	5	6	7
Never married	58.3	63.4	53.3	56.2	61.6	50.9
Married	35.6	35.1	36.0	37.8	36.9	38.6
Widowed	5.1	1.2	9.0	5.2	1.2	9.1
Divorced or separated	1.0	0.3	1.7	0.8	0.3	1.4
Total	100.00	100.00	100.00	100.00	100.00	100.00

Source: Census of India 1981.

1.12 Mean age at marriage of currently married women

Religion	Rural		Urban	
	1971	1981	1971	1981
1	2	3	4	5
Hindus	18.87	19.38	19.33	19.99
Muslims	17.05	17.38	17.05	17.47
Christians	19.13	19.84	20.05	20.58
All religions	18.56	19.05	18.93	19.57

Source: Census of India 1981.

1.13 Important vital rates in Kerala - rural

Year	Birth rate	General fertility rate	Gross reproduction rate	Death rate	Infant mortality rate
1	2	3	4	5	6
1971	31.9	126.7	2.0	9.2	60.9
1981	24.7	92.2	1.3	6.5	40.4
1982	24.3	90.8	1.3	5.9	30.3
1983	23.5	87.1	1.2	6.6	38.9
1984	23.7	87.5	1.3	6.4	30.1
1985	23.2	84.4	1.2	6.6	33.0
1986	22.6	81.0	1.1	6.0	28.6

Source: DES

1.14 Age specific fertility rates in Kerala - rural

Age-group	1971	1981	1982	1983	1984	1985	1986
1	2	3	4	5	6	7	8
15 - 19	49.1	39.3	31.8	35.0	34.5	33.7	36.7
20 - 24	213.9	175.9	176.5	172.7	179.2	177.0	166.1
25 - 29	226.6	166.2	168.0	161.0	168.0	155.4	147.1
30 - 34	175.8	98.6	95.4	87.5	74.6	73.0	67.5
35 - 39	118.4	53.9	53.8	42.5	35.8	29.6	27.4
40 - 44	43.6	19.4	18.1	13.6	14.1	14.2	11.2
45 - 49	7.0	4.9	3.8	3.1	4.0	1.8	2.9

Source: DES.

1.15 Age specific death rates in Kerala - rural

Age group	1971	1981	1982	1983	1984	1985	1986
1	2	3	4	5	6	7	8
Below 1	70.4	38.4	35.8	43.9	33.5	34.6	28.3
1 - 4	13.1	5.1	3.4	4.5	3.1	4.5	2.7
5 - 9	2.4	5.2	1.3	1.2	1.1	1.0	1.1
10 - 14	1.1	0.5	0.6	0.7	0.8	0.5	0.5
15 - 19	1.6	1.4	1.0	1.0	1.0	0.7	0.6
20 - 24	2.1	1.6	0.9	1.1	1.4	1.4	1.1
25 - 29	1.8	1.7	1.8	1.7	2.2	1.5	1.5
30 - 34	3.8	1.9	1.6	1.7	2.0	2.4	1.6
35 - 39	4.0	2.0	2.6	2.2	2.0	2.1	2.8
40 - 44	5.1	3.7	3.1	4.2	2.7	3.9	3.6
45 - 49	7.2	4.8	4.7	5.4	4.7	4.6	5.2
50 - 54	8.5	8.3	9.2	6.4	8.5	7.0	6.8
55 - 59	15.5	12.7	11.8	11.4	11.3	9.8	11.3
60 - 64	23.1	18.8	19.2	19.4	17.2	19.8	18.8
65 - 69	43.6	29.4	27.8	24.1	26.6	29.4	35.4
70 & above	102.1	87.2	75.6	84.5	86.1	89.5	76.5

Source: DES

1.16 Expectation of life at birth - rural

Year	Expectation of life at birth		
	Male	Female	All
1	2	3	4
1979-81	64.7	69.0	66.8
1980-82	66.3	70.7	68.5
1981-83	66.0	71.8	68.8
1982-84	66.5	73.4	69.7
1983-85	65.7	72.5	68.9
1984-86	66.9	72.8	69.7

Source: DES

1.17 Important vital rates in Kerala and India (rural & urban combined)

Year	Kerala			India		
	Birth rate	Death rate	Infant death rate	Birth rate	Death rate	Infant death rate
1	2	3	4	5	6	7
1980	26.8	7.0	40	33.7	12.6	114
1981	25.6	6.6	37	33.9	12.5	110
1982	26.2	6.6	30	33.8	11.9	105
1983	24.9	6.7	33	33.6	11.9	105
1984	22.7	6.4	29	33.8	12.5	104
1985	22.9	6.4	32	32.7	11.7	95
1986	22.4	6.7	27	32.4	11.1	96

Source: Sample registration bulletin, Registrar General of India.

1.18 Fertility indices in Kerala and India

Year	Kerala			India		
	General fertility rate	Gross reproductive rate	Total fertility rate	General fertility rate	Gross reproductive rate	Total fertility rate
1	2	3	4	5	6	7
1971	125.4	2.0	4.1	161.1	2.5	5.2
1981	94.7	1.4	2.8	140.9	2.2	4.5
1982	97.0	1.4	2.9	142.2	2.2	4.5
1983	91.9	1.2	2.6	143.5	2.1	4.5
1984	83.6	1.2	2.4	145.2	2.2	4.5

Source: Family Welfare Programme year book.

1.19 District-wise disabled persons by type of disability in Kerala - 1980

District	Totally blind	Totally crippled	Totally dumb	Total disabled persons
1	2	3	4	5
1. Trivandrum	650	1706	858	3214
2. Quilon*	508	1161	947	2616
3. Pathanamthitta*	259	607	471	1337
4. Alleppey*	612	1184	994	2790
5. Kottayam	439	929	809	2177
6. Idukki*	264	347	419	1030
7. Ernakulam	1131	1115	1116	3362
8. Trichur	824	1049	1222	3095
9. Palghat	960	669	736	2365
10. Malappuram	823	940	811	2574
11. Kozhikode	674	1030	1067	2771
12. Wayanad	155	196	156	507
13. Cannanore	678	864	910	2452
14. Kasaragod	201	259	303	763
State	8178	12056	10819	31053

Source: Census of India 1981.

*provisional estimate.

1.20 Main workers, marginal workers & non-workers - 1981 ('000s)

District	Main workers		Marginal workers		Non-workers		Total	
	No.	%	No.	%	No.	%	No.	%
1	2	3	4	5	6	7	8	9
1. Trivandrum	703	27.08	81	3.12	1812	69.80	2596	100.00
2. Quilon	528	24.08	138	6.29	1527	69.63	2193	100.00
3. Pathanamthitta	286	25.81	37	3.34	785	70.85	1108	100.00
4. Alleppey	496	26.58	118	6.32	1252	67.10	1866	100.00
5. Kottayam	462	27.22	44	2.60	1191	70.18	1697	100.00
6. Idukki	335	34.57	30	3.10	604	62.33	969	100.00
7. Ernakulam	710	28.01	93	3.67	1732	68.32	2535	100.00
8. Trichur	649	26.60	74	3.03	1717	70.37	2440	100.00
9. Palghat	667	32.63	55	2.69	1322	64.68	2044	100.00
10. Malappuram	523	21.77	82	3.41	1798	74.82	2403	100.00
11. Kozhikode	491	21.87	118	5.26	1636	72.87	2245	100.00
12. Wayanad	186	33.58	25	4.51	343	61.91	554	100.00
13. Cannanore	491	25.43	57	2.95	1383	71.62	1931	100.00
14. Kasaragod	264	30.24	28	3.21	581	66.55	873	100.00

1.21 Industrial category-wise and sex-wise distribution of main workers ('000s)

Industrial category	Male		Female		Total	
	2	3	4	5	6	7
1. Cultivators	805552	15.67	81680	4.95	887232	13.06
2. Agricultural labourers	1198775	23.32	718587	43.55	1917362	28.23
3. Livestock, forestry, fishing housing & plantations, orchards and allied activities	542349	10.55	106566	6.46	648916	9.56
4. Mining & quarrying	49979	0.97	4484	0.27	54463	0.80
5. Manufacturing, processing servicing and repairing --						
a) Household industries	124365	2.42	126141	7.65	250506	3.69
b) Other than household industries	622224	12.10	205764	12.47	827988	12.19
6. Constructions	188572	3.67	13992	0.85	202564	2.98
7. Trade and commerce	696568	13.55	53218	3.22	749786	11.04
8. Transport, storage and communications	316295	6.15	26406	1.60	342701	5.05
9. Other services	596470	11.60	313188	18.98	909658	13.40
Total	5141149	100.00	1650026	100.00	6791175	100.00

Source: Census of India 1981 Part IIIA & B(1) General economic tables.

1.22 Main workers classified by industrial category - district-wise

District	Culti- vators	Agrl. labourers	Livestock forestry	Other services	Manufacturing processing		Constru- ctions	Trade & commerce	Communi- cations	Other services	Total
					servicing & repairing						
					industry	Other than hnd.Industry					
1	2	3	4	5	6	7	8	9	10	11	12
1. Trivandrum	61141 (8.69)	234668 (33.36)	38775 (5.51)	2379 (0.34)	28099 (4.00)	80321 (11.42)	21797 (3.10)	68662 (9.76)	37814 (5.38)	129684 (18.44)	703340 (100.00)
2. Quilon	138891 (20.03)	175655 (25.33)	54831 (7.91)	4144 (0.60)	22751 (3.28)	94591 (13.64)	14949 (2.16)	65784 (9.49)	27519 (3.97)	94226 (13.59)	693341 (100.00)
3. Alleppey	66606 (10.82)	162464 (26.39)	52655 (8.55)	2839 (0.46)	53203 (8.64)	70899 (11.52)	16406 (2.67)	70239 (11.41)	30245 (4.91)	90095 (14.63)	615651 (100.00)
4. Kottayam	82003 (17.75)	115786 (25.06)	44767 (9.69)	2230 (0.48)	17356 (3.76)	38093 (8.25)	12876 (2.79)	52599 (11.39)	20857 (4.51)	75408 (16.32)	461975 (100.00)
5. Idukki	75561 (22.46)	86589 (25.74)	108739 (32.33)	446 (0.13)	2851 (0.85)	12398 (3.69)	4103 (1.22)	18132 (5.39)	5876 (1.75)	21679 (6.44)	336374 (100.00)
6. Ernakulam	73915 (10.42)	129848 (18.30)	55709 (7.85)	5296 (0.75)	23933 (3.37)	122620 (17.28)	39637 (5.58)	89647 (12.63)	56672 (7.99)	112305 (15.83)	709582 (100.00)
7. Trichur	60657 (9.35)	166408 (25.65)	53990 (8.32)	4896 (0.76)	34165 (5.27)	93964 (14.48)	22452 (3.46)	80127 (12.35)	37212 (5.73)	94953 (14.63)	648824 (100.00)
8. Palghat	96274 (14.42)	300071 (44.95)	25611 (3.84)	3886 (0.58)	23074 (3.46)	56554 (8.47)	13167 (1.97)	59162 (8.86)	24510 (3.67)	65309 (9.78)	667618 (100.00)
9. Malappuram	68561 (13.11)	194693 (37.23)	36073 (6.90)	6152 (1.18)	14827 (2.84)	39036 (7.47)	12457 (2.38)	57698 (11.03)	22341 (4.27)	71045 (13.59)	522883 (100.00)
10. Kozhikode	27315 (5.56)	71120 (14.49)	79758 (16.24)	8459 (1.72)	13746 (2.80)	73481 (14.97)	20659 (4.21)	83946 (17.10)	44116 (8.99)	68332 (13.92)	490932 (100.00)
11. Wayanad	39331 (21.16)	73608 (39.61)	37287 (20.06)	494 (0.27)	1828 (0.98)	5773 (3.11)	1630 (0.88)	11476 (6.18)	2902 (1.56)	11506 (6.19)	185835 (100.00)
12. Cannanore	96977 (12.85)	206452 (27.35)	60721 (8.05)	13241 (1.75)	14673 (1.94)	140260 (18.58)	22430 (2.97)	92315 (12.23)	32639 (4.33)	75112 (9.95)	754820 (100.00)

[figures in brackets give the percentages]

**1.23 Distribution of household population by language mainly spoken
in the household 1981**

Language	Persons	Rural	Urban
1	2	3	4
Assamese	25	5	20
Bengali	891	235	656
Gujrati	5854	220	5634
Hindi	13205	3248	9957
Kannada	69506	62075	7431
Kashmiri	20	3	17
Malayalam	24231396	19841473	4389923
Marathi	24381	22311	2070
Oriya	135	33	102
Panjabi	1745	212	1533
Sanskrit	7	-	7
Sindhi	1803	5	1798
Tamil	603188	446260	156928
Telungu	60529	41150	19379
Urdu	12228	6079	6149

Source: Census of India 1981.

II. AGRICULTURE

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2.1 Temperature in selected centres - 1987.

		(Celsius)											
Centre/Month		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1		2	3	4	5	6	7	8	9	10	11	12	13
TRIVANDRUM	Maximum	32.6	32.7	33.4	33.4	33.3	30.9	31.4	30.1	31.3	30.4	31.0	31.2
	Minimum	22.7	22.8	24.2	25.5	25.2	24.0	24.1	23.5	24.0	24.0	23.6	23.3
PUNALUR	Maximum	34.7	36.2	37.7	37.0	35.1	31.4	32.1	30.5	32.8	32.7	-	-
	Minimum	21.4	20.9	22.8	25.1	25.0	23.4	23.3	23.3	23.2	23.5	-	-
ALLEPPEY	Maximum	33.7	33.5	34.4	34.8	34.8	31.2	31.7	30.1	31.3	33.2	33.0	33.1
	Minimum	22.9	23.6	25.2	26.3	25.6	24.1	24.6	23.8	24.7	24.8	24.3	23.9
PALGHAT	Maximum	35.0	36.5	38.4	38.9	38.0	31.7	30.6	30.4	32.9	32.5	32.8	-
	Minimum	22.9	23.1	23.3	25.3	-	24.1	23.9	23.8	24.3	24.3	23.8	-
KOZHIKODE	Maximum	31.9	32.2	32.8	33.5	33.3	30.2	30.3	29.2	30.5	31.3	31.3	32.2
	Minimum	22.5	23.4	24.5	26.7	26.0	24.3	24.3	24.1	24.5	24.6	23.7	23.7
NAS COCHIN	Maximum	32.7	32.7	33.5	33.7	33.5	31.0	31.5	29.8	31.5	32.9	32.0	32.7
	Minimum	23.2	24.3	25.4	27.0	25.8	24.1	24.8	24.1	25.1	25.0	24.3	24.2

(Source:- Meterological Centre, Trivandrum.)

2.2 Relative humidity at selected centres - 1987.

Centre/Month		Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14
TRIVANDRUM	Maximum	8.30	69	73	73	78	80	86	84	90	85	91	87	87
	Minimum	17.30	61	63	64	73	74	80	71	80	80	85	80	75
PUNALUR	Maximum	8.30	65	71	72	80	84	91	89	93	84	88	-	-
	Minimum	17.30	42	43	50	61	72	85	73	80	73	85	-	-
ALLEPPEY	Maximum	8.30	71	77	73	83	81	90	87	93	88	82	82	79
	Minimum	17.30	63	67	66	76	75	83	76	84	82	80	73	70
PALGHAT	Maximum	8.30	70	62	66	67	70	84	92	91	85	85	84	-
	Minimum	17.30	42	37	36	42	52	78	76	84	75	75	70	-
KOZHIKODE	Maximum	8.30	73	74	73	73	75	90	89	91	87	90	85	79
	Minimum	17.30	61	63	66	70	72	85	82	86	81	77	73	67
NAS COCHIN	Maximum	8.30	70	73	75	78	81	93	90	92	85	87	82	80
	Minimum	17.30	57	60	62	67	66	83	75	82	77	76	75	69

Source:- The meteorological Centre, Trivandrum.

2.3 District-wise annual average rainfall 1985 to 1987

Districts	Normal	1985	1986	1987
1	2	3	4	5
Trivandrum	2002	1034	1193	1869
Quilon	3739	1544	X	2114
Pathanamthitta	2414	2244	1604	1809
Alleppey	2702	2682	1784	2621
Kottayam	3263	3069	1942	807
Idukki	2889	2134	2318	1782
Ernakulam	3529	2606	2072	2638
Trichur	3177	2949	2052	2340
Palghat	2398	2157	1763	1714
Malappuram	2900	X	X	X
Kozhikode	2625	2701	3092	2242
Wynad	3594	2080	2037	1422
Cannanore	2923	4028	3211	1821
Kasaragode	3593	3140	2759	2393
State	2961	2495	2176	2035

X Not reported

2.4 District-wise average monthly rainfall - 1987 (m.m)

District	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Trivandrum	3	-	29	116	238	255	53	343	206	212	193	221	1869
Quilon	-	-	-	78	117	501	121	406	122	336	308	125	2114
Pathanamthitta	-	8	-	127	160	440	90	211	202	264	209	98	1809
Alleppey	-	1	4	103	240	871	52	533	120	449	167	81	2621
Kottayam	-	-	-	x	x	x	x	x	x	x	x	x	x
Idukki	-	-	-	67	182	441	207	394	x	270	223	x	1782
Ernakulam	2	-	2	49	138	742	298	594	145	282	315	73	2638
Trichur	-	-	-	23	42	773	344	545	x	238	226	149	2340
Palghat	-	-	-	7	81	429	342	304	174	168	210	x	1714
Malappuram	x	x	x	x	x	x	x	x	x	x	x	x	x
Kozhikode	-	-	-	38	65	819	x	428	125	430	265	71	2242
Wynad	-	-	11	11	145	237	247	287	148	203	123	11	1422
Cannanore	-	-	-	-	45	601	226	383	182	279	x	105	1821
Kasaragode	-	-	-	2	82	897	268	675	112	153	165	40	2393
State	0.3	0.7	4	53	119	559	188	394	151	261	214	92	2035

x Not reported

- No rainfall

2.5 Land utilisation pattern in Kerala (area in hectares)

Head of classification	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
	2	3	4	5	6	7	8	9
1. Total geographical area	3885497	3885497	3885497	3885497	3885497	3885497	3885497	3885497
2. Forests	1081509	1081509	1081509	1081509	1081509	1081509	1081509	1081509
3. Land put to non agricultural uses	259230	269824	266451	275908	277719	279703	278601	263017
4. Barren and uncultivable land	78494	85770	85600	86217	86590	85688	83107	82343
5. Permanent pastures and other grazing lands	19915	5432	5382	5311	5222	4158	4223	3711
6. Land under misc. tree crops not included in net area sown	84250	63875	55187	54705	54701	51039	50228	46614
7. Cultivable waste	113414	129032	130204	130213	128924	130098	125559	129582
8. Fallow land other than current fallow	22954	26886	26827	27425	27539	27221	28038	27727
9. Current fallow	36559	43579	44487	44455	42938	41658	43247	44258
10. Net area sown	2189172	2179590	2189850	2179754	2180355	2184423	2090985	2206736
11. Area sown more than once	792107	705250	715407	682319	681347	690220	675567	663578
12. Total cropped area	2981279	2884840	2905257	2862073	2861702	2874643	2866552	2870314

2.6 Land utilisation pattern in Kerala (Percentage)

Head of classification	1975-76	1980-81	1981-1982	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
1. Total geographical area	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2. Forests	27.84	27.84	27.84	27.84	27.84	27.84	27.84	27.84
3. Land put to non agricultural uses	6.67	6.94	6.86	7.10	7.15	7.20	7.17	6.77
4. Barren & uncultivable land	2.02	2.21	2.20	2.22	2.23	2.21	2.14	2.12
5. Permanent pastures and other grazing lands	0.51	0.14	0.14	0.14	0.13	0.11	0.11	0.10
6. Land under misc. tree crops not included in net area sown	2.17	1.64	1.42	1.41	1.41	1.31	1.29	1.20
7. Cultivable waste	2.92	3.32	3.35	3.35	3.32	3.34	3.23	3.33
8. Fallow land other than current fallow	0.59	0.69	0.69	0.71	0.71	0.70	0.72	0.71
9. Current fallow	0.94	1.12	1.14	1.14	1.10	1.07	1.11	1.14
10. Net area sown	56.34	56.10	56.30	56.10	56.11	56.22	53.81	56.79
11. Area sown more than once	20.38	18.15	18.41	17.56	17.54	17.76	17.39	17.08
12. Total cropped area	76.72	74.25	74.77	73.66	73.65	73.98	73.77	73.87

2.7 Number of operational holdings and area operated by size class 1985-86 (provl.)

Sl. no.	Size of holding (ha.)	Number of operational holdings				Area operated (0.00 ha.)			
		Individual	Joint	Institutional	Total	Individual	Joint	Institutional	Total
1	2	3	4	5	6	7	8	9	10
1.	Below 0.02	484542	153	2797	487492	6179	2	42	6223
2.	0.02 - 0.5	3483609	4781	31180	3519570	471619	853	4863	477335
3.	0.5 - 1.0	460149	1000	4925	466074	320355	709	3424	324488
	Marginal (1+2+3)	4428300	5934	38902	4473136	798153	1564	8329	808046
4.	1.0 - 2.0	277410	702	3395	281507	372138	992	4534	377664
	Small (4)	277410	702	3395	281507	372138	992	4534	377664
5.	2.0 - 3.0	77141	329	1195	78665	179891	802	2827	183520
6.	3.0 - 4.0	24468	130	503	25101	82089	437	1709	84235
	Semi-medium (5 + 6)	101609	459	1698	103766	261980	1239	4536	267755
7.	4.0 - 5.0	13268	110	367	13745	57785	482	1614	59881
8.	5.0 - 7.5	8006	94	378	8478	47256	553	2302	50111
9.	7.5 - 10.0	2086	30	219	2335	17620	262	1904	19786
	Medium (7+8+9)	23360	234	964	24558	122661	1297	5820	129778
10.	10.0 - 20.0	2507	46	244	2797	31853	606	3011	35470
11.	20.0 - 30.0	467	10	54	531	10991	229	1256	12476
12.	30.0 - 40.0	109	-	55	164	3705	-	1894	5599
13.	40.0 - 50.0	84	-	25	109	3559	-	1098	4657
14.	50.0 & above	195	36	216	447	25539	6438	79345	111322
	Large (10+11+12+13+14)	3362	92	594	4048	75647	7273	86604	169524
15.	All sizes	4834041	7421	45553	4887015	1630579	12365	109823	1752767

Source: Agricultural census 1985-86.

2.8 Area under important crops (in hectares)

	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
1. Net cultivated area	2189172	2179590	2189850	2179754	2180355	2184423	2190985	2206736
2. Gross cropped area	2981279	2884840	2905257	2862073	2861702	2874643	2866552	2870314
3. Cultivable area	2362099	2379087	2391368	2381847	2379756	2383400	2316544	2336318
4. Cropped area								
Autumn paddy	397232	349243	347077	342669	327783	318611	279699	286569
Winter paddy	383706	354132	356074	352273	324560	326812	313423	297068
Summer paddy	104031	98324	103700	83548	87743	84956	85159	80166
Total paddy	884969	801699	806851	778490	740086	730379	678281	663803
Total Food grains	926069	841670	846193	813370	775967	764576	711658	698554
Tapioca	326865	244990	248069	227617	233010	216742	202919	192878
Coconut	692945	651370	666618	674378	682281	687483	704682	706107
Arecanut	76618	61242	61251	60816	59604	56778	58691	57734
Cashew	109057	141277	139960	141307	142339	136863	137747	133562
Pepper	108251	108073	108242	107467	106143	105835	121565	128865
Ginger	11671	12662	13447	12662	14883	14537	15671	16591
Banana and Other Plantains	52780	49262	49989	48038	49593	51417	43002	53278
Pineapple	8971	5419	5373	4466	4703	4836	4779	4425
Total Fruit crops	316565	345679	340490	335279	338345	332463	322899	331228
Vegetables	327889	312994	315675	290650	300145	278809	265779	254977
Total food crops	1909205	1778001	1781932	1714378	1690125	1650794	1606208	1590938
Tea	37698	36164	35625	35205	35021	34976	34760	34639
Rubber	206686	237769	237769	256283	271200	311976	330315	347814
Coffee	41778	57949	57949	57905	62368	64009	65641	65641
Cocoa	-	23506	23381	18234	18052	17860	16887	14798
Fodder & green manure crops	18800	12907	11818	10154	11467	10588	11167	11649
Sugarcane	7596	8041	8381	7814	8084	7839	7816	8827
Manago	68215	62574	60181	60205	60201	59984	59290	61999
Jack	50174	61918	61037	59990	58870	58052	57265	57817

2.9 Area under important crops - district-wise

(in hectares)

District	1975-76	80-81	'81-82	'82-83	'83-84	'84-85	'85-86	'86-87
1	2	3	4	5	6	7	8	9
1. Paddy								
Trivandrum	41399	32583	30775	29391	27079	27020	26352	25444
Quilon	51429	50055	50406	49601	47880	37563	34794	32824
Pathanamthitta	-	-	-	-	-	17439	14498	13130
Alleppey	96678	82466	88806	83862	79050	73610	56045	67838
Kottayam	44323	31948	34428	34596	34801	31990	31884	33603
Idukki	13430	9261	8957	9249	8072	8475	8251	7085
Ernakulam	88943	102500	100884	96010	86732	89183	84804	80817
Trichur	108378	110314	115511	107711	103391	102540	95215	89527
Palghat	185182	183634	180878	173158	168034	166312	160855	154864
Malappuram	92953	80022	78974	78502	74749	73185	65462	62308
Kozhikode	63965	45451	27000	26488	23155	21345	18750	18123
Wynad	-	-	30021	30482	30571	29651	30767	29999
Cannanore	98289	73465	60411	59440	66572	52066	28268	26961
Kasaragode	-	-	-	-	-	-	22336	21280
State	884969	801699	806851	778490	740086	730379	678281	663803
2. Sugarcane								
Trivandrum	72	21	24	31	25	21	17	19
Quilon	1820	328	307	350	228	194	211	202
Pathanamthitta	-	-	-	-	1433	1328	1380	1988
Alleppey	2246	2408	2990	3101	1500	1273	1386	1087
Kottayam	289	272	242	309	274	262	244	318
Idukki	1948	2560	2124	1751	2145	1954	1596	1537
Ernakulam	28	30	55	41	59	50	44	40
Trichur	25	4	8	5	5	5	6	5
Palghat	1080	2324	2568	2175	2356	2690	2861	3572
Malappuram	15	6	15	9	10	14	8	7
Kozhikode	17	3	3	3	3	3	4	3
Wynad	-	-	21	15	19	14	15	14
Cannanore	56	35	24	24	28	31	25	23
Kasaragode	-	-	-	-	-	-	19	12
State	7596	8041	8381	7814	8084	7839	7816	8827
3. Pepper								
Trivandrum	5856	5362	5394	5436	5394	5001	5065	5002
Quilon	8750	9832	9901	10196	7457	7515	7886	7166
Pathanamthitta	-	-	-	-	3905	4276	4681	4255
Alleppey	5231	4843	4816	4816	3860	3644	3642	3353
Kottayam	12938	12786	12868	12286	12546	11762	11705	11385
Idukki	10186	12264	12182	12182	12209	12919	21417	28931
Ernakulam	6499	6652	6811	6532	6665	6191	6307	6233
Trichur	1525	4010	4036	4173	4072	3780	3739	3876
Palghat	851	1532	1546	1546	1523	1665	1736	1507
Malappuram	5989	4030	4016	4298	4114	4069	4091	4882
Kozhikode	17694	20184	13589	12502	12753	13354	12808	12337
Wynad	-	-	7355	7661	7509	9258	12231	15116
Cannanore	32732	26578	25839	25839	24036	23501	16991	16296
Kasaragode	-	-	-	-	-	-	9276	8526
State	108251	108073	108242	107467	106143	109835	121565	128865

1	2	3	4	5	6	7	8	9
4. Ginger								
Trivandrum	28	183	164	158	230	192	210	176
Quilon	261	1278	1239	1312	853	932	978	871
Pathanamthitta	-	-	-	-	423	509	516	478
Alleppey	140	276	224	187	229	204	212	171
Kottayam	3863	3418	3214	2988	3206	2533	2664	2596
Idukki	1062	958	1144	1054	1511	1209	1736	2653
Ernakulam	1632	2162	2425	1945	2177	2282	2431	2767
Trichur	96	168	123	78	98	96	132	185
Palghat	383	410	363	340	371	410	489	474
Malappuram	932	451	491	399	447	357	370	339
Kozhikode	1717	2132	1745	1600	1825	1723	1556	1406
Wynad	-	-	1065	1158	2207	2757	3050	3324
Cannanore	1557	1226	1250	1443	1306	1333	770	706
Kasaragode	-	-	-	-	-	-	557	445
State	11671	12662	13447	12662	14883	14537	15671	16591

5. Turmeric								
Trivandrum	10	13	51	39	30	35	32	28
Quilon	54	74	113	90	63	76	62	66
Pathanamthitta	-	-	-	-	15	18	21	19
Alleppey	55	35	28	22	28	21	20	21
Kottayam	326	601	808	552	654	558	717	609
Idukki	159	189	180	192	187	173	231	250
Ernakulam	679	789	637	704	710	626	674	713
Trichur	44	169	186	186	180	149	154	157
Palghat	376	375	286	286	316	290	296	286
Malappuram	29	108	104	92	101	92	88	83
Kozhikode	392	348	200	179	243	287	284	271
Wynad	-	-	260	175	218	193	218	274
Cannanore	353	569	347	330	416	367	211	271
Kasaragode	-	-	-	-	-	-	156	178
State	2477	3270	3200	2847	3161	2885	3164	3226

6. Cardamom*								
Trivandrum	-	104	164	164	164	164	164	164
Quilon	-	149	149	149	104	105	103	637
Pathanamthitta	-	-	-	-	45	45	45	279
Alleppey	-	-	-	-	-	-	-	-
Kottayam	-	22	22	22	22	-	23	24
Idukki	49856	45170	45172	45172	45189	49552	51617	53050
Ernakulam	-	-	-	-	-	-	-	-
Trichur	-	-	-	-	-	-	-	-
Palghat	1449	3366	3407	3274	3274	3270	3180	3180
Malappuram	-	184	184	184	184	188	188	188
Kozhikode	1586	3783	411	412	412	412	290	194
Wynad	-	-	3741	4251	4270	4254	4258	4264
Cannanore	1113	1266	1266	760	759	779	760	760
Kasaragode	-	-	-	-	-	-	-	-
State	54004	54004	54516	54388	54423	58769	60628	62740

*Commodity Board estimates

	1	2	3	4	5	6	7	8	9
7. Banana									
Trivandrum	625	942	860	754	812	327	808	796	
Quilon	1428	1687	1562	1647	1089	1445	1406	1357	
Pathanamthitta	-	-	-	-	668	750	959	1143	
Alleppey	624	770	774	830	623	699	646	577	
Kottayam	1223	1161	1081	1245	1344	1597	1690	394	
Idukki	109	205	204	164	175	181	275	394	
Ernakulam	1361	1312	1629	2043	1836	2145	2130	2308	
Trichur	1384	1549	1432	1228	1403	1577	1327	2107	
Palghat	587	1385	1545	1467	1591	1778	1574	1795	
Malappuram	1068	2598	2159	2159	2827	2381	2586	3009	
Kozhikode	945	1204	1070	946	1073	1030	1083	1055	
Wynad	-	-	577	468	526	523	566	814	
Cannanore	1801	1505	1175	1175	1218	1190	1188	1260	
Kasaragode	-	-	-	-	-	-	262	195	
State	11155	14318	14067	14126	15185	16123	16500	18724	

8. Other plantain									
Trivandrum	3274	5591	6087	5196	5458	5406	5249	5091	
Quilon	4323	3221	3117	3275	2760	2705	2479	2515	
Pathanamthitta	-	-	-	-	1726	1864	1919	1681	
Alleppey	2910	3567	3767	2529	1571	1489	1542	1700	
Kottayam	4257	3398	3163	3306	3238	3231	3221	3191	
Idukki	2206	3023	2981	2018	2674	2473	2377	2201	
Ernakulam	3604	3245	3796	3773	3059	3333	3340	3144	
Trichur	4970	3259	3095	3171	3056	3273	3853	3322	
Palghat	3483	2357	2010	2210	2192	2404	2409	2531	
Malappuram	3627	1929	1751	2095	2125	2214	2359	2568	
Kozhikode	3499	2298	1797	1992	2029	2368	2746	2125	
Wynad	-	-	1347	1347	1010	1137	1206	1082	
Cannanore	4972	3056	3010	3000	3510	3397	2240	2264	
Kasaragode	-	-	-	-	-	-	1562	1139	
State	41125	34944	35921	33912	34408	35294	36502	34554	

9. Cashewnut									
Trivandrum	5291	6303	6460	6693	6485	6294	6387	6060	
Quilon	8011	8673	8750	8750	7558	7221	6876	6699	
Pathanamthitta	-	-	-	-	2154	2030	2428	2302	
Alleppey	3216	3863	3730	3730	3331	3530	3980	3970	
Kottayam	1035	1337	1467	1613	1472	1395	1465	1399	
Idukki	1076	1197	1243	1227	1222	1189	1171	1106	
Ernakulam	3375	4067	3923	4107	4032	3809	3624	3577	
Trichur	6396	7163	7307	7667	6983	7510	7790	7164	
Palghat	11253	13287	13190	13190	13222	12857	12140	11496	
Malappuram	20369	21257	20477	21080	21946	19850	19255	19317	
Kozhikode	3642	5213	4363	4220	4599	4197	4155	4106	
Wynad	-	-	1027	997	1007	922	863	1092	
Cannanore	45393	68917	68033	68033	68328	65059	39216	37859	
Kasaragode	-	-	-	-	-	-	28397	5944	
State	109057	141277	139960	141307	142339	136863	137747	197666	

	1	2	3	4	5	6	7	8	9
10. Tapioca									
Trivandrum	72035	56545	60320	53733	55432	52629	51010	49414	
Quilon	88538	59097	60451	55425	41624	42093	35614	32992	
Pathanamthitta	-	-	-	-	17883	13650	13566	13193	
Alleppey	24568	19592	19094	14972	11900	10764	11102	10226	
Kottayam	35429	23003	24560	21468	23008	20084	19741	18985	
Idukki	9955	10824	9635	10998	10435	9173	9237	8934	
Ernakulam	17091	12462	12382	10782	11874	10364	10216	9860	
Trichur	12178	6191	6157	5493	5797	5688	5515	5446	
Palghat	7965	12644	12714	12831	12990	12515	11960	11053	
Malappuram	28372	18111	18104	17671	17960	15741	14863	15324	
Kozhikode	9235	7756	3694	3154	3361	3850	3461	3492	
Wynad	-	-	2995	2379	2572	2995	2395	2299	
Cannanore	21499	18765	17963	18711	18124	17196	8719	7830	
Kasaragode	-	-	-	-	-	-	5520	3830	
State	326865	244990	248069	227617	233010	216742	202919	192878	

11. Jack									
Trivandrum	5463	7425	7320	7150	7016	7123	7029	7014	
Quilon	5585	6758	5347	5347	4909	4808	4560	4669	
Pathanamthitta	-	-	-	-	2177	2263	2436	2245	
Alleppey	1877	4279	3875	3403	2388	2313	225	2403	
Kottayam	4054	4385	4795	4267	4482	4250	4258	4196	
Idukki	1361	2154	2252	2937	2282	2214	2579	2490	
Ernakulam	2784	4811	4031	4410	4417	3942	3018	3192	
Trichur	2495	3784	3873	3873	3843	3644	3554	3534	
Palghat	3988	4431	4220	4220	4290	3810	3822	3647	
Malappuram	4596	5623	5850	5417	5475	5180	4472	4753	
Kozhikode	8540	9435	6118	5930	5967	6654	6625	7081	
Wynad	-	-	6667	6347	4338	5120	5462	4921	
Cannanore	9431	8833	6689	6689	7286	6731	5371	5813	
Kasaragode	-	-	-	-	-	-	1854	1854	
State	50174	61918	61037	59990	58870	58052	57265	57817	

12. Mango									
Trivandrum	6997	7588	7557	7487	7477	7293	7712	7209	
Quilon	8617	6201	6516	6203	4695	4758	4503	4455	
Pathanamthitta	-	-	-	-	2100	1792	1658	1753	
Alleppey	4788	4999	4407	4720	3529	4057	4007	3953	
Kottayam	7094	4568	4071	4071	4237	3634	3613	3683	
Idukki	2497	2094	1910	1743	1916	1663	1660	1617	
Ernakulam	4259	5369	5084	4990	5148	4595	4673	4556	
Trichur	4028	4973	4299	4660	4258	4550	4450	4742	
Palghat	7191	5365	5135	5413	5304	5752	5412	5920	
Malappuram	6873	6211	6109	6109	6143	6190	5573	6343	
Kozhikode	7563	7198	5565	5837	5878	6844	6595	7546	
Wynad	-	-	2799	2799	2786	2475	2728	2470	
Cannanore	8038	8008	6729	6173	6730	6381	5516	6414	
Kasaragode	-	-	-	-	-	-	1780	1968	
State	68215	62574	60181	60205	60201	59984	59290	61999	

	1	2	3	4	5	6	7	8	9
13. Tamarind									
Trivandrum	2031	1531	1879	1710	1707	1726	1704	1765	
Quilon	1308	769	751	820	676	654	706	674	
Pathanamthitta	-	-	-	-	193	206	216	226	
Alleppey	313	236	228	228	241	267	253	265	
Kottayam	360	448	482	482	471	432	447	485	
Idukki	64	152	190	190	160	167	179	162	
Ernakulam	462	806	825	810	814	741	768	739	
Trichur	1203	1468	1474	1533	1492	1460	1416	1423	
Palghat	1356	3084	2880	2723	2896	2999	2822	3060	
Malappuram	1081	1180	1287	1217	1182	1176	1173	1314	
Kozhikode	547	693	639	593	544	610	640	663	
Wynad	-	-	129	129	109	110	124	112	
Cannanore	394	650	565	543	601	543	439	112	
Kasaragode	-	-	-	-	-	-	191	211	
State	9119	11017	11529	10978	11086	11101	11078	11585	
14. Pineapple									
Trivandrum	614	327	450	402	393	377	368	352	
Quilon	1080	718	644	618	476	469	461	426	
Pathanamthitta	-	-	-	-	241	207	199	148	
Alleppey	494	318	354	227	180	208	211	181	
Kottayam	658	595	430	577	588	669	493	509	
Idukki	778	345	376	376	366	301	387	306	
Ernakulam	583	586	513	568	422	589	563	663	
Trichur	1475	434	484	291	321	344	322	288	
Palghat	393	150	266	266	227	202	204	193	
Malappuram	510	239	276	144	220	200	235	189	
Kozhikode	1067	435	416	105	319	249	232	217	
Wynad	-	-	160	160	150	123	125	116	
Cannanore	1319	1272	1004	732	800	898	898	785	
Kasaragode	-	-	-	-	-	-	81	52	
State	3971	5419	5373	4466	4703	4836	4779	4425	
15. Sweet Potatoe									
Trivandrum	89	100	140	158	133	122	119	110	
Quilon	233	40	40	64	48	38	40	32	
Pathanamthitta	-	-	-	-	3	2	6	3	
Alleppey	61	60	82	51	64	51	52	45	
Kottayam	33	26	24	23	24	23	24	19	
Idukki	472	171	168	168	169	129	131	121	
Ernakulam	53	66	60	54	60	46	64	53	
Trichur	190	140	135	135	137	148	139	113	
Palghat	740	1794	2023	1723	1845	1712	1748	1472	
Malappuram	662	1464	1587	1666	1571	1503	1318	1302	
Kozhikode	379	89	65	91	82	66	65	67	
Wynad	-	-	12	17	27	18	17	16	
Cannanore	2970	1104	980	856	922	777	212	119	
Kasaragode	-	-	-	-	-	-	886	524	
State	5882	5054	5316	5006	5085	4635	4821	3996	

Table 2.9 (contd.)

Dist.	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
16. Pappaya							
TVM	783	724	616	708	660	633	633
QIN	573	492	528	508	481	536	568
PIA	-	-	-	297	311	344	303
ALP	893	841	644	540	632	629	591
KTM	1034	869	640	763	721	727	706
IDK	749	758	758	755	626	637	595
EKM	1754	1126	1064	1050	1019	1041	1013
TCR	1618	1726	1560	1635	1442	1437	1412
PGT	523	465	564	517	528	521	527
MLP	1495	1449	1368	1437	1244	1302	1293
KKD	1144	988	988	1040	1020	1110	1392
WYD	-	137	88	102	105	118	130
CNR	1043	1052	850	888	762	527	750
KGZ	-	-	-	-	-	218	270
State	11609	10627	9668	10238	9551	9780	10181
17. Drumstic							
TVM	3422	3535	3160	3085	2879	2798	2579
QIN	1335	1184	1543	1185	1080	1078	1437
PIA	-	-	-	305	352	351	471
ALP	1078	1191	753	682	607	610	678
KTM	1785	1435	1227	1482	1232	1225	1251
IDK	321	309	447	359	313	324	333
EKM	1155	1300	1200	1218	1037	1066	1070
TCR	837	845	787	796	688	672	699
PGT	706	717	767	953	744	732	778
MLP	885	918	1080	1091	904	908	1033
KKD	3164	2457	2195	2605	2131	2097	2531
WYD	-	133	95	108	180	119	271
CNR	714	672	647	678	635	353	525
KGZ	-	-	-	-	-	200	299
State	15402	14696	13901	14625	12781	12533	13955

(table 2.9 contd.)

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
18. Food crops								
Trivandrum	154449	140408	143709	132547	133133	128364	125246	121839
Quilon	204906	164965	164357	159576	123045	121860	111220	106143
Pathanamthitta	-	-	-	-	57830	52869	51674	49953
Alleppey	152114	140961	146042	136706	110148	112909	96277	106317
Kottayam	130112	102335	105260	99717	103559	94918	94408	94736
Idukki	104472	101241	98775	98490	98651	100286	111679	118968
Ernakulam	160710	163568	161611	154301	145961	144462	139025	134872
Trichur	186762	162208	167011	157111	152191	150524	143247	137443
Palghat	252492	270680	266270	255499	251939	249185	241698	235557
Malappuram	183385	163222	161435	159156	158390	150005	140386	140510
Kozhikode	129370	124465	80682	77404	77316	76400	72449	72384
Wayanad	-	-	-	62463	61362	62659	68298	70330
Cannanore	250433	243948	223587	221408	216600	206353	124338	121179
Kasaragod	-	-	-	-	-	-	86263	80700
State	1909205	1778001	1781932	1714378	1690125	1650794	1606208	1590931

(Table 2.9. contd.)

Dist.	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	
1	2	3	4	5	6	7	8	
19. Cocoa								
TVM	699	1018	1060	926	876	851	817	
QLN	1099	1556	1162	994	970	966	604	
PTA	-	-	-	1002	940	1145	741	
ALP	3094	3165	2430	1955	1991	1544	1209	
KTM	6995	6153	5894	5191	5463	5211	5059	
IDK	1890	2184	1960	2014	1936	1920	1739	
EKM	3988	3680	2176	2033	1970	1695	1784	
TCR	1380	1269	724	724	730	742	639	
PGT	368	308	194	245	229	209	186	
MLP	422	673	458	488	460	430	374	
KKD	2103	1744	705	989	934	823	724	
WYD	-	311	311	331	347	294	284	
CNR	1468	1320	1160	1160	1014	617	464	
KSG	-	-	-	-	-	440	354	
State	23506	23381	18234	18052	17860	16887	14978	
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Dist.	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
20. Sesamum								
TVM	133	15	19	14	16	19	18	18
QLN	3213	2186	2883	2226	2301	2127	2157	2024
PTA	-	-	-	-	216	201	221	187
ALP	7127	5300	4829	4602	4910	4567	4465	3936
KTM	285	43	40	39	41	66	61	57
IDK	332	210	260	299	256	245	237	210
EKM	1867	2482	2057	2372	2303	2131	2101	2121
TCR	903	1446	1595	982	1177	1278	1218	1150
PGT	1291	1003	1075	945	1388	1121	1291	1207
MLP	1120	1587	1842	2215	1912	2239	2039	2875
KKD	136	70	25	25	64	76	65	55
WYD	-	-	128	128	128	115	117	162
CNR	378	410	283	305	333	263	171	127
KSG	-	-	-	-	-	-	124	71
State	16785	14752	15037	14153	15045	14448	14285	14200
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21. Coconut								
TVM	74074	73771	73515	73727	735638	76969	73094	75528
QLN	98073	81765	84544	85178	75018	68927	68769	70599
PTA	-	-	-	-	28807	25926	27521	26158
ALP	72824	63114	62118	62118	46907	45699	48702	49126
KTM	58168	51115	50751	50876	50914	48179	49033	49118
IDK	11472	16617	17371	17371	16523	15036	17585	16188
EKM	50726	60081	62017	62916	62038	55678	59632	59251
TCR	50699	54030	57312	57312	58929	62438	60366	61200
PGT	16994	22954	22916	23688	23186	25504	26349	25681
MLP	70269	59677	57919	60970	60739	62214	63230	65387
KKD	97448	94466	97308	98392	100164	107599	111473	106412
WYD	-	-	3535	3535	3612	3251	3565	3684
CNR	92198	72980	77012	78295	81876	90063	60386	63303
KSG	-	-	-	-	-	-	34977	34472
State	692945	651370	666618	674378	682281	687483	704682	706107

	1	2	3	4	5	6	7	8	9
22. Tea*									
Trivandrum	35	1072	1072	1001	1072	1071	1071	1022	1022
Quilon	2690	2004	1653	1552	687	681	600	600	600
Pathanamthitta	-	-	-	-	740	734	775	762	762
Alleppey	-	-	-	-	-	-	-	-	-
Kottayam	2307	2268	2230	2137	2011	2009	2009	2009	2009
Idukki	24006	24156	23967	23838	23834	23804	23640	23609	23609
Ernakulam	45	30	30	2	2	2	2	2	2
Trichur	-	441	447	447	447	447	447	447	447
Palghat	146	665	665	665	665	665	665	665	665
Malappuram	567	174	174	174	174	174	174	174	174
Kozhikode	6917	3899	-	-	-	-	-	-	-
Wyanad	-	-	5387	5389	5389	5389	5377	5349	5349
Cannanore	985	1455	-	-	-	-	-	-	-
Kasaragode	-	-	-	-	-	-	-	-	-
State	37698	36164	35625	35205	35021	34976	34760	34639	34639

23. Coffee*									
Trivandrum	130	48	48	48	51	50	50	50	50
Quilon	428	378	378	378	264	207	350	380	380
Pathanamthitta	-	-	-	-	122	180	-	-	-
Alleppey	91	63	21	21	15	16	23	23	23
Kottayam	1848	902	958	953	986	990	1171	1171	1171
Idukki	3849	5134	4827	4783	4874	4875	5770	5770	5770
Ernakulam	1367	172	247	247	247	274	274	274	274
Trichur	10	33	33	33	33	33	32	32	32
Palghat	1727	2264	2351	2351	2351	2291	2292	2292	2292
Malappuram	560	10	-	-	-	-	-	-	-
Kozhikode	23640	30204	-	-	-	-	-	-	-
Wynad	-	-	49086	49086	53425	55093	55649	55649	55649
Cannanore	8128	18741	-	-	-	-	-	-	-
Kasaragode	-	-	-	-	-	-	-	-	-
State	41778	57949	57949	57905	62368	64009	65641	65641	65641

24. Rubber*									
Trivandrum	6307	8735	8735	10158	11574	14891	14721	15636	15636
Quilon	33995	38890	38890	38666	34253	30208	36033	37288	37288
Pathanamthitta	-	-	-	-	16674	22098	28343	28709	28709
Alleppey	4029	4273	4273	4814	3447	5580	3768	3831	3831
Kottayam	52600	61232	63232	62454	72396	78739	83644	88853	88853
Idukki	16369	17449	17449	24285	21938	28794	31063	27734	27734
Ernakulam	23096	23334	23334	25316	27580	34319	37769	43057	43057
Trichur	7785	9386	9386	9445	10760	11019	9493	10048	10048
Palghat	7910	11084	11084	13866	10800	13013	14769	17334	17334
Malappuram	15220	19281	19281	19330	18287	18711	20401	18578	18578
Kozhikode	17250	18171	6311	17822	18765	20470	15445	16451	16451
Wynad	-	-	24424	2945	2396	5023	4782	5670	5670
Cannanore	22125	23934	11370	27182	22330	29111	16884	19752	19752
Kasaragode	-	-	-	-	-	-	13200	14873	14873
State	206686	237769	237769	256283	271200	311976	330315	347814	347814

Table 2.9 (contd.)

	1	2	3	4	5	6	7	8	9
25. Lemongrass									
TVM	-	-	53	60	49	54	46	48	43
QLN	-	-	45	44	22	24	26	27	20
PTA	-	-	-	-	-	18	21	15	14
ALP	-	-	8	10	6	3	4	5	4
KTM	75	58	56	56	57	56	48	46	
IDK	1321	1020	1963	2316	1831	2316	1819	2365	
EKM	487	483	533	555	524	538	433	412	
TCR	-	-	36	55	70	56	48	50	45
PGT	-	-	103	110	109	107	105	262	133
MLP	-	-	109	109	80	99	96	77	71
KKD	185	913	766	760	820	782	633	603	
WYD	-	-	1903	1900	1901	2313	1634	1680	
CNR	247	3070	1362	1254	1826	1411	818	1072	
KGZ	-	-	-	-	-	-	592	297	
State	2315	5898	6371	7177	7320	7762	6461	6805	
26. Fodder crops									
TVM	37	335	295	295	282	251	253	231	
QLN	84	301	257	287	213	273	253	236	
PTA	-	-	-	-	127	167	137	130	
ALP	35	188	184	161	84	132	144	134	
KTM	185	577	467	297	330	346	339	307	
IDK	393	522	454	279	370	318	338	319	
EKM	18	89	121	114	108	103	105	118	
TCR	15	90	122	74	95	77	83	74	
PGT	-	30	30	30	60	37	84	50	
MLP	-	31	31	31	26	23	22	24	
KKD	-	178	25	17	87	35	43	42	
WYD	-	-	94	76	85	79	76	74	
CNR	151	245	258	186	199	148	102	106	
KGZ	-	-	-	-	-	-	24	96	
State	918	2586	2338	1767	2066	1989	2003	1941	
27. Non-food crops									
TVM	82599	87517	87238	88736	89928	96745	92765	95766	
QLN	140443	129296	132579	131843	115620	105912	112251	113974	
PTA	-	-	-	-	49177	51695	59687	58334	
ALP	84652	77363	76063	75539	58179	59056	59757	59285	
KTM	117267	127854	126593	125379	134679	138195	144098	149444	
IDK	62608	69465	70514	77687	74198	79637	84908	80448	
EKM	78613	95247	96275	95892	99481	102389	108150	112543	
TCR	60324	69247	72884	71744	74973	79209	75734	77339	
PGT	69312	66277	67785	73165	67932	74625	76743	80278	
MLP	93367	89350	87955	90568	89537	91837	94809	96655	
KKD	150120	155949	109357	120951	124832	133744	131896	127370	
WYD	-	-	89117	69557	72441	76999	77079	77813	
CNR	132769	139274	106965	123634	120600	133806	87104	92882	
KGZ	-	-	-	-	-	-	55363	57252	
State	1072074	1106839	1123325	1147695	1171577	1223849	54896	1279383	

2.10 Production of important crops in Kerala

(In tonnes)

Crop	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Food crops								
Rice	1364867	1271962	1339393	1306197	1207916	1255902	1173051	1133786
Jowar	1438	845	525	507	661	925	753	1030
Ragi	5001	1131	1100	920	1028	1000	980	965
Other Cereals & Millets	3297	1762	1792	1511	1829	1809	1758	2759
Pulses	14900	22479	22286	19904	19912	20384	20475	20062
Sugarcane (gur)	41831	48172	49749	82135	87062	42754	42560	57883
Pepper (black)	24580	28519	27511	24526	24549	17350	33121	30378
Chillies (dry)	2442	1054	1159	1143	930	913	984	806
Ginger (dry)	28840	32039	34379	31581	36705	41245	44466	47652
Turmeric (cured)	2608	6141	6027	5192	5841	5136	6201	6259
Cardamom (Processed)	2050	3244	2200	1900	1963	2250	3340	2500
Betalnuts (million nuts)	11387	10805	10702	11027	8318	9259	10664	10563
Banana & other plantain	395042	317405	327525	289399	316653	331192	361126	362339
Cashewnut (raw)	122360	81900	78898	75495	77375	72294	80203	86710
Tapioca	5390217	4060911	3745142	3848718	3903169	3694270	3276877	3276877
Jack fruits (in '000)	-	261764	248232	254946	242417	228439	222473	163799
Mango	-	281673	280017	267489	190655	193327	189975	200561
Non-food crops								
Groundnut	35268	8225	8572	9074	8578	11768	6001	5796
Seasamum	4271	3833	4000	3648	3838	3632	3702	3407
Coconut (million nuts)	3439	3008	3006	3184	2602	3453	3377	3173
Cotton (bales of 170 Kg)	10273	9847	10724	9336	9969	10010	9624	8498
Tobacco	1230	1015	1050	927	1016	981	935	831
Tea	43264	50716	45467	45439	44214	56329	52628	50335
Coffee	14395	23540	33655	21785	9465	49545	23550	23550
Rubber	128769	140333	139455	152662	152212	188900	184700	202129
Cocoa	-	3020	2894	3173	3936	4536	6090	6036
Lemongrass oil	-	267	232	341	323	351	318	326

2.11 Production of important crops-district-wise

(in tonnes)

Dist.	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
1. Rice								
TVM	66042	45986	44837	45829	36462	45319	47106	43600
QLN	80617	82189	83369	85846	69737	58929	60835	54741
PTA	-	-	-	-	-	35920	27715	24456
ALP	160740	144858	173162	149768	152797	140514	111971	117799
KTM	77507	58478	64603	83544	70027	66572	58104	67907
IDK	22208	15503	16108	20625	13863	17401	16845	14962
EKM	119160	144601	148995	149818	119054	149199	142756	131063
TCR	139782	147571	155473	149393	155121	147381	151936	143297
PGT	374219	373782	385389	365211	339365	350470	306980	209976
MLP	130363	107488	105190	98724	93291	100712	93056	95684
KKD	68608	54144	27544	28388	21853	23898	22394	19988
WYD	-	-	55024	48241	61755	53489	54800	57718
CNR	125621	97362	79699	80810	74591	66098	43102	38683
KGZ	-	-	-	-	-	-	35451	32862
State	1364867	1271962	1339393	1306197	1207916	1255902	1173051	1133786
2. Sugarcane								
TVM	390	104	118	142	114	96	78	100
QLN	8977	1443	1351	2018	1315	1119	1217	1066
PTA	-	-	-	-	8263	7657	8116	14234
ALP	11099	12498	15518	17880	8649	7340	7992	5734
KTM	1599	1504	1271	1782	1580	1511	1450	1677
IDK	11631	15693	13020	9347	11450	10430	8349	9588
EKM	112	495	340	236	340	288	253	211
TCR	135	17	33	29	29	29	35	26
PGT	7528	16245	17771	11610	12576	13961	14700	24936
MLP	81	38	94	48	53	73	42	37
KKD	92	19	19	16	16	16	21	16
WYD	-	-	131	80	96	73	78	74
CNR	187	122	83	128	149	161	130	121
KGZ	-	-	-	-	-	-	99	63
State	41831	48178	49749	43316	44630	42754	42560	57883
J. Black pepper								
TVM	1248	2027	1734	1098	620	925	1567	1049
QLN	2975	3441	2784	2712	1723	1394	2979	1509
PTA	-	-	-	-	738	970	1524	1201
ALP	737	1007	968	535	513	846	648	1046
KTM	3933	1777	1686	2211	2390	933	1074	1570
IDK	2200	1852	2010	1888	2234	1778	4837	4958
EKM	1092	1264	1117	882	1560	547	1083	874
TCR	245	690	537	826	823	677	566	977
PGT	146	170	187	240	174	263	486	216
MLP	1084	1108	1072	1302	716	660	1401	851
KKD	4157	7527	4701	3000	3953	2352	2905	2506
WYD	-	-	3067	2881	2928	1835	6523	5331
CNR	6743	7654	7648	6951	6177	4170	5237	5663
KGZ	-	-	-	-	-	-	2291	2627
State	24580	28519	27511	24526	24549	17350	33121	30378

(Table 2.11 contd.)

	1	2	3	4	5	6	7	8	9
4. Dry ginger									
TVM		66	447	400	386	562	780	853	715
QLN		628	3474	3368	3553	2310	2615	2744	2443
PTA		-	-	-	-	1055	1328	1346	1247
ALP		329	680	552	461	564	654	680	549
KTM		11817	9608	9215	7966	8555	6413	4997	7635
IDK		2286	2289	2733	2442	3606	3379	4907	7635
EKM		3883	5474	6140	4876	5403	7385	8024	9134
TCR		99	182	128	81	102	156	215	301
PGT		617	439	607	568	626	986	1188	1151
MLP		1413	810	873	709	794	702	728	667
KZD		4129	5341	4328	3850	4391	2455	2217	2004
WYD		-	-	2641	2786	5204	10554	11208	12216
CNR		3573	3295	3394	3903	3533	3838	2239	2053
KSG		-	-	-	-	-	-	1620	1294
State		28840	32039	34379	31581	36705	41245	44466	47652
5. Cured turmeric									
TVM		10	25	99	76	58	68	21	18
QLN		67	139	213	170	119	144	105	112
PTA		-	-	-	-	27	32	76	69
ALP		54	68	55	43	55	4	37	39
KTM		253	1133	1508	979	1185	1009	2048	1739
IDK		160	335	319	330	325	310	563	609
EKM		669	1462	1180	1265	1276	1125	779	824
TCR		36	264	291	291	281	233	259	264
PGT		276	602	459	459	533	523	571	552
MLP		29	163	157	139	153	59	149	141
KZD		520	802	462	408	554	654	342	326
WYD		-	-	599	399	567	512	638	802
CNR		534	1148	686	633	710	513	446	573
KSG		-	-	-	-	-	-	167	191
State		2608	6141	6027	5192	5841	5186	6201	6259
6. Processed cardamom*									
TVM		-	6	5	3	3	4	5	1
QLN		-	9	8	5	4	2	4	5
PTA		-	-	-	-	2	1	-	1
ALP		-	-	-	-	-	-	-	-
KTM		-	1	1	1	1	-	-	-
IDK		1847	2665	2300	1560	1629	2280	2665	1985
EKM		-	-	-	-	-	-	-	-
TCR		-	-	-	-	-	-	-	-
PGT		115	198	171	116	115	310	370	205
MLP		-	11	9	6	6	2	2	1
KZD		66	261	13	9	9	3	4	2
WYD		-	-	213	145	139	224	240	265
CNR		22	93	80	55	55	24	50	35
KSG		-	-	-	-	-	-	-	-
State		2050	3244	2800	1900	1963	2850	3340	2500

*Commodity board estimates.

Table 2.11 (contd.)

1	2	3	4	5	6	7	8	9
7. Betel nuts								(million nuts)
TVM	703	327	314	343	370	377	363	430
QLN	1579	541	669	684	289	360	426	481
PTA	-	-	-	-	89	212	340	378
ALP	553	366	325	262	196	157	262	422
KTM	404	370	352	358	281	251	302	361
IDK	194	462	412	290	184	223	319	319
EKM	876	1098	1175	1074	797	1089	1303	1373
TCR	1688	1483	1394	1573	1122	1071	1180	1178
PGT	310	354	344	376	278	372	335	237
MLP	1707	1544	1496	1361	1246	1153	1408	1374
KKD	1533	1617	1616	1583	1141	1128	1117	1009
WYD	-	-	189	341	162	190	226	286
CNR	1840	2443	2406	2782	2163	2686	1353	1096
KGZ	-	-	-	-	-	-	1730	1669
State	11387	10805	10702	11027	8318	9269	10664	10563
8. Banana								(tonnes)
TVM	4553	10795	9856	7431	9971	11069	9623	8767
QLN	10404	16899	15647	14518	10999	15032	16715	17378
PTA	-	-	-	-	8671	9736	12828	16535
ALP	4546	9346	9395	5743	9843	11043	9651	7814
KTM	3910	17631	17072	17139	21235	24980	29085	21456
IDK	794	2353	2341	1751	1869	2262	3708	9358
EKM	9917	15017	18646	22448	23354	26465	26851	25573
TCR	10083	24536	22683	19062	15657	17599	16017	22486
PGT	4277	18855	21034	18374	11137	12446	20349	22793
MLP	7782	35580	29568	25905	28835	24529	29967	29873
KKD	6885	13882	14477	11903	13734	12261	14484	10565
WYD	-	-	7807	5889	6827	6720	8142	9677
CNR	13122	11789	13889	13750	15785	15422	14938	14850
KGZ	-	-	-	-	-	-	3338	1979
State	81273	176683	182413	164913	177917	189564	215646	219104
9. Other plantains								
TVM	24979	30024	32687	24275	20795	20391	19997	20466
QLN	32983	11947	11561	10811	12613	12484	11098	9708
PTA	-	-	-	-	7439	8034	8188	9380
ALP	22202	10794	11399	6429	4760	4692	4713	6919
KTM	32479	17897	16660	15148	16449	16084	16355	19688
IDK	16831	15916	15695	10113	10482	9791	9505	16794
EKM	27497	12617	14759	14375	15509	16392	17083	10595
TCR	37921	8773	8332	8279	6784	7194	8469	9036
PGT	26575	4745	4046	3960	10631	11542	11566	6201
MLP	27672	6188	5677	6048	6545	6888	7045	9168
KKD	26698	7834	6126	6655	7345	8572	10238	7650
WYD	-	-	4592	4500	5484	6112	6418	5518
CNR	37934	13887	13638	13593	13900	13452	8693	8558
KGZ	-	-	-	-	-	-	6062	3554
State	313769	140722	145112	124486	138736	141628	145430	143235

(Contd.)

Table 2.11 (contd.)

	1	2	3	4	5	6	7	8	9
10. Raw cashewnut									(tonnes)
TVM	5936	3025	4018	2918	1459	4158	2464	1856	
QLN	8988	6982	6011	5653	3212	3431	4455	6427	
PTA	-	-	-	-	239	418	951	2601	
ALP	3608	2013	2029	1380	280	862	706	1563	
KTM	1161	727	1448	118	240	626	164	546	
IDK	1207	868	1444	639	858	318	231	179	
EKM	3787	2103	2346	3318	2064	1583	1931	1293	
TCR	7176	1934	1659	4455	6061	3209	2774	3578	
PGT	12626	3920	3113	2598	4257	5843	5444	5135	
MLP	22854	6887	8682	9486	11631	7326	8122	8307	
KZD	4086	2925	4359	4963	3463	1478	1889	1761	
WYD	-	-	1472	167	223	292	187	619	
CNR	50931	50516	42317	39800	43388	42750	26925	38172	
KGD	-	-	-	-	-	-	23960	16673	
State	122360	81900	78898	75495	77375	72294	80203	88710	
11. Tapioca									(tonnes)
TVM	1029296	965789	904800	859728	993896	811539	769231	765917	
QLN	1595363	989875	826970	903428	595223	713897	487200	539419	
PTA	-	-	-	-	302223	275048	295061	279692	
ALP	412720	272917	266934	251979	242522	158661	192065	152367	
KTM	636959	408993	405240	445032	482708	406902	390477	416341	
IDK	215424	234881	203588	286828	167760	180158	178274	184934	
EKM	323702	240267	243059	207554	252323	205207	190529	192566	
TCR	164884	92555	76655	102060	103650	73773	65242	89042	
PGT	112298	177648	191346	185151	183159	234281	158829	145126	
MLP	338181	228742	235352	220534	214622	273579	196935	215762	
KZD	167970	99277	49426	38952	39929	29607	39282	37364	
WYD	-	-	66938	58761	49125	69035	48858	65591	
CNR	393420	349967	274834	288711	276029	262583	177955	145560	
KGD	-	-	-	-	-	-	86940	62621	
State	5390217	4060911	3745142	3848718	3903169	3694270	3276877	3292302	
12. Jack									(in '000)
TVM	-	24540	24193	23631	31488	30052	28469	13210	
QLN	-	25092	19853	18859	54122	52479	47781	11878	
PTA	-	-	-	-	17346	17672	19023	6129	
ALP	-	17895	16205	20153	9800	9113	8766	2379	
KTM	-	17084	18681	16791	15006	14229	13970	13897	
IDK	-	7031	7350	9011	7599	7224	8499	10010	
EKM	-	23261	18490	21366	20407	16939	13747	7374	
TCR	-	14742	6057	15089	14573	13818	14689	14122	
PGT	-	19071	18162	15800	17838	14573	15203	10602	
MLP	-	27761	28881	26207	10578	10008	8121	12177	
KZD	-	43118	27959	27100	16039	15564	16890	11259	
WYD	-	-	30468	29006	7730	8392	8774	13951	
CNR	-	42169	31933	31983	19891	18376	13783	31854	
KGD	-	-	-	-	-	-	4758	5857	
State	-	261764	248232	254946	242417	228439	222473	163799	

(contd.)

Table 2.11 (contd.) (in tonnes)

District	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
13. Mango							
Trivandrum	24509	24408	21525	7058	6607	6452	6531
Quilon	27328	28716	27064	14578	14773	13981	13833
Pathanamthitta	-	-	-	7417	4785	4427	4681
Alleppey	9998	8814	8496	7587	9071	8959	8839
Kottayam	25567	22785	24153	5402	4633	4606	4696
Idukki	3252	2966	2977	3165	2747	2742	2671
Ernakulam	33164	31404	32365	10611	12025	12279	11923
Trichur	21354	26555	20010	18782	20070	19628	20917
Palghat	15022	14378	14853	39726	41898	39421	38532
Malappuram	53856	52971	52971	26399	26598	23947	27256
Kozhikode	25164	21389	20406	19962	22079	21276	24343
Wynad	-	9785	9785	3752	2900	3196	2895
Cannanore	42659	35845	32884	26516	25141	22009	25082
Kasaragode	-	-	-	-	-	7102	7852
State	281873	280017	267489	190655	193327	189975	200561
14. Tamarind							
Trivandrum	3881	4763	4335	4327	4375	4319	5592
Quilon	1591	1554	1697	1399	1374	1461	2018
Pathanamthitta	-	-	-	259	287	301	775
Alleppey	169	164	164	173	192	182	808
Kottayam	504	53	543	531	487	504	1343
Idukki	189	236	236	199	208	223	307
Ernakulam	1092	1118	1098	1104	1005	1042	2819
Trichur	3055	3068	3190	3105	3038	2946	3143
Palghat	8043	7511	7102	7553	7821	7359	6809
Malappuram	2099	2290	2165	2103	2092	2087	2976
Kozhikode	1672	1542	1431	1313	1473	1545	573
Wynad	-	311	311	263	265	299	51
Cannanore	1113	968	930	1030	931	753	1326
Kasaragode	-	-	-	-	-	327	854
State	23408	24068	23202	23369	23548	23348	29394
15. Pappaya							
Trivandrum	14877	13756	13755	15810	3723	3571	3570
Quilon	5177	4428	4295	411	391	466	492
Pathanamthitta	-	-	-	1976	2069	2289	2016
Alleppey	3572	3364	3330	2792	3365	3282	3084
Kottayam	5170	4345	4345	5180	4895	4936	4794
Idukki	1535	1516	1516	1510	1252	1274	1190
Ernakulam	7016	4504	4414	4355	4227	4318	4202
Trichur	6472	6904	6904	7236	6192	6170	6063
Palghat	4707	4185	4185	3836	3918	3866	3910
Malappuram	8970	8694	8694	8949	7592	7946	7891
Kozhikode	5720	4940	4940	510	500	544	682
Wynad	-	685	685	794	817	918	1011
Cannanore	4172	4208	4208	4396	3772	2609	3713
Kasaragode	-	-	-	-	-	1079	1335
State	67368	61529	61272	57755	42713	43268	43953

Table 2.11 (contd.)

District	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7
16. Pineapple						
TVM	5704	5226	4982	4779	4665	4462
QLN	7556	7416	5586	5504	5410	4999
PTA	-	-	2637	2282	2194	1632
ALP	3652	2270	1857	2146	2177	1868
KTM	4643	6347	6349	7224	5324	5497
IDK	4330	4512	4215	3466	4456	3523
EKM	5654	6248	4661	6491	6204	7306
TCR	4030	2328	2673	2864	2681	2371
PGT	3240	2394	2765	2461	2485	2351
MLP	2949	1584	2351	2137	2511	2019
KKD	5610	1365	4302	3358	3129	2927
WYD	2158	2080	2023	1659	1686	1565
CNR	17282	12444	13770	15457	15457	13512
KGZ	-	-	-	-	1394	895
State	66810	54214	58181	59828	59773	54927

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
17. Sesamum								
TVM	35	4	5	4	5	3	6	5
QLN	710	547	721	534	547	330	748	559
PTA	-	-	-	-	45	31	77	52
ALP	1703	954	869	828	866	1589	857	980
KTM	91	9	9	9	9	21	12	14
IDK	110	48	57	60	45	76	75	23
EKM	621	769	761	688	701	298	464	316
TCR	423	405	431	265	312	557	330	271
PGT	222	301	312	265	400	219	214	565
MLP	218	540	626	775	656	430	744	503
KKD	40	22	8	8	20	20	24	13
WYD	-	-	40	38	36	15	52	40
CNR	98	234	161	174	190	43	83	49
KGZ	-	-	-	-	-	-	16	17
State	4271	3833	4000	3648	3838	3632	3702	3407

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
18. Coconut (Million nuts)								
TVM	428	354	355	279	290	488	340	343
QLN	485	344	356	319	223	275	272	340
PTA	-	-	-	-	79	124	160	112
ALP	404	294	295	367	180	282	277	253
KTM	288	188	200	226	153	192	217	202
IDK	61	43	44	45	40	44	71	42
EKM	269	327	344	332	264	363	338	308
TCR	299	347	381	355	322	297	366	312
PGT	56	80	77	80	63	76	108	57
MLP	311	264	247	261	162	193	255	248
KKD	523	456	443	622	540	676	603	527
WYD	-	-	4	6	2	2	5	3
CNR	315	311	260	292	275	441	281	257
KGZ	-	-	-	-	-	-	81	149
State	3439	3008	3006	3184	2602	3453	3377	3173

Table 2.11 (contd.) (in tonnes)

1	2	3	4	5	6	7	8	9
19. Tea*								
TVM	826	894	906	943	725	1051	915	913
QLN	1128	875	797	681	215	174	200	222
PTA	-	-	-	-	-	188	259	281
ALP	-	-	-	-	-	-	-	-
KTM	527	367	283	289	361	421	386	170
IDK	31017	37460	34871	34413	33360	41335	39514	38017
EKM	-	-	-	-	-	-	-	-
TCR	871	1002	912	903	692	1296	1387	1344
PFT	1175	1219	1187	1349	1114	1374	1402	1453
MLP	148	92	84	73	-	93	-	-
KKD	6346	6953	-	-	-	-	-	-
WYD	-	-	6427	6788	7515	10397	8565	7935
CNR	1226	1854	-	-	-	-	-	-
KGZ	-	-	-	-	-	-	-	-
State	43264	50716	45467	45439	44214	56329	52628	50335
20. Coffee*								
TVM	3	28	45	22	14	-	21	21
QLN	15	220	355	171	70	-	160	160
PTA	-	-	-	-	-	-	-	-
ALP	1	23	20	10	4	-	10	10
KTM	248	525	901	433	262	-	445	445
IDK	675	2895	4537	2167	1297	-	2440	2440
EKM	53	100	232	112	66	-	166	166
TCR	5	20	30	15	9	-	14	14
PGT	755	656	1085	1075	760	-	969	969
MLP	-	3	-	-	-	-	-	-
KKD	9243	11768	-	-	-	-	-	-
WYD	-	-	26450	17780	6950	-	19325	19325
CNR	3397	7302	-	-	-	-	-	-
KGZ	-	-	-	-	-	-	-	-
State	14395	23540	33655	21785	9465	NA	23550	23550
21. Rubber								
TVM	5223	5933	5906	6319	6922	9568	8475	9266
QLN	23906	25561	25984	26812	20486	20046	19817	21418
PTA	-	-	-	-	9973	14319	15041	17416
ALP	2409	2771	2767	2917	2062	3199	2722	2948
KTM	34021	36145	36842	39681	43299	49207	50271	54583
IDK	10187	11140	11487	14543	13121	17780	14711	15913
EKM	12292	13929	13934	15639	16498	21727	19419	21816
TCR	6969	6739	6083	6283	6437	7507	6412	6580
PGT	3966	4516	4380	5435	6463	6879	7150	8143
MLP	9332	10571	9931	10522	10937	9522	11419	12611
KKD	10266	10730	3321	10683	11223	11820	12212	13076
WYD	-	-	12842	1279	1434	2116	1635	1777
CNR	10238	12298	5978	12549	13357	15210	8652	9682
KGZ	-	-	-	-	-	-	6764	7170
State	128769	140333	139455	152662	162212	188900	184700	202129

*Commodity board estimates

Table 2.11 (contd.)

(in tonnes)

Dist.	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
22. Cocoa							
TVM	58	85	123	179	105	165	215
QLN	129	106	266	185	73	102	116
PTA	-	-	-	311	402	615	606
ALP	420	430	381	414	425	929	658
KTM	1175	1034	630	1064	1661	1791	2026
IDK	243	282	761	542	505	771	806
EKM	522	482	529	563	668	888	920
TCR	130	126	119	110	68	107	199
PGT	15	13	30	33	63	45	1
MLP	32	52	75	93	143	156	140
KKD	214	178	52	132	150	168	122
WYD	-	32	43	54	76	42	57
CNR	82	74	164	256	197	265	87
KGZ	-	-	-	-	-	46	83
State	3020	2894	3173	3936	4536	6090	6036
23. Lemongrass oil							
TVM	4	4	3	3	3	3	3
QLN	3	3	2	2	2	2	1
PTA	-	-	-	2	2	1	1
ALP	1	7	1	1	1	1	1
KTM	4	4	4	4	4	3	3
IDK	70	94	160	126	160	126	163
EKM	57	11	65	61	62	50	47
TCR	4	6	8	2	2	2	2
PGT	12	13	13	19	19	47	24
MLP	3	3	2	2	2	2	2
KKD	15	13	13	14	13	11	10
WYD	-	32	32	32	39	28	29
CNR	94	42	38	55	42	24	31
KGZ	-	-	-	-	-	18	9
State	267	232	341	323	351	318	326

2.12 Season-wise estimates of area under paddy

(Hect.)

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
	1	2	3	4	5	6	7	8
1. Autumn								
TVM	19319	15361	14800	14581	13165	13491	12875	12398
QLN	21161	24142	24540	24435	23404	18997	16667	15832
PTA	-	-	-	-	-	7394	5090	5003
ALP	30395	33019	34047	32545	32593	32756	13531	29001
KTM	8008	13485	14435	14181	12906	11559	10384	12744
IDK	4126	3862	3514	3854	3830	3525	3431	2976
EKM	38096	43174	40102	40053	35736	36690	34420	33365
TCR	34566	40584	41794	40661	37920	35576	32362	29688
PGT	100835	89762	90044	89438	87895	86339	84957	82945
MLP	50596	38603	37516	36731	33779	32251	28581	27247
KKD	24934	9826	10133	10086	9677	7439	5504	5007
WYD	-	-	-	71	-	4	7	22
CNR	65196	37425	36152	36033	36878	32590	18410	17243
KGZ	-	-	-	-	-	-	13480	13098
State	397232	349243	347077	342669	327783	318611	279699	286569
2. Winter								
TVM	20426	16115	14868	14375	13546	13203	13167	12766
QLN	29112	25090	25087	24458	24066	18326	17920	16857
PTA	-	-	-	-	-	6549	6507	5957
ALP	23545	25372	26231	26801	17786	15984	17075	17429
KTM	18833	10799	12704	13261	14583	14615	15240	13571
IDK	9252	5100	5138	5236	3955	4590	4447	3671
EKM	40562	39719	41379	40877	36994	38422	35483	33060
TCR	59493	49168	51570	49716	48220	49705	45671	41600
PGT	82211	89550	86816	81044	77692	78006	73950	71007
MLP	36154	36012	35830	37450	15303	35861	32089	30463
KKD	34962	20461	14034	14258	11286	11432	10893	10384
WYD	-	-	22693	24255	23856	23143	24648	24355
CNR	29156	28746	19724	20572	17273	16976	9188	9196
KGZ	-	-	-	-	-	-	7145	6752
State	383706	354132	356074	352273	324560	326812	313423	297068
3. Summer								
TVM	1654	1107	1107	435	368	326	310	280
QLN	1156	823	779	708	410	240	207	135
PTA	-	-	-	-	-	3496	2901	2170
ALP	42738	24075	28328	24516	28671	24870	25439	21408
KTM	17482	7664	7289	7154	7312	5816	6260	7288
IDK	52	299	305	159	287	360	373	438
EKM	10285	19607	19403	15080	14002	14071	14901	14392
TCR	14319	20562	22147	17334	17251	17259	17182	18239
PGT	2136	4322	4018	2676	2447	1967	1948	912
MLP	6203	5407	5622	4321	5667	5073	4792	4598
KKD	4069	7164	2833	2174	2192	2474	2353	2732
WYD	-	-	7328	6156	6715	6504	6112	5622
CNR	3937	7294	4535	2835	2421	2500	670	522
KGZ	-	-	-	-	-	-	1711	1430
State	104031	98324	103700	83548	87743	84956	85159	80166

2.13 Taluk-wise area under paddy

	[hect.]							
District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	13119	8843	7759	7254	6813	6600	6742	6492
Trivandrum	8888	6461	6327	5721	5470	5132	5415	5187
Nedumangad	10384	8781	8456	7900	7430	7121	6387	6079
Chirayinkil	9008	8498	8233	8516	7366	8167	7808	7686
Quilon								
Quilon	7989	7545	7921	8377	7467	6817	6270	5765
Kottarakkera	13631	11838	12344	12426	12396	11587	11261	10880
Kunnathur	9300	9612	9582	9224	8990	4578	3143	2990
Pathanapuram	9283	7964	7773	7909	7522	7389	7347	7220
Pathanamthitta	3577	4630	4244	3422	4113	-	-	-
Karunagappally	7759	8466	8542	8243	7392	7192	6773	5969
Pathanamthitta								
Kozhicherry	-	-	-	-	-	4410	3350	3672
Ranni	-	-	-	-	-	563	668	515
Adoor	-	-	-	-	-	5847	5337	4363
Thiruvalla	-	-	-	-	-	5057	4035	3519
Mallappally	-	-	-	-	-	1562	1108	1011
Alleppey								
Karthigappally	15080	12012	11942	11353	11048	10824	8085	9938
Mavelikkera	13675	13201	14079	13644	13579	12117	12823	12127
Chengannur	7480	7301	7777	6540	6805	5857	4371	5095
Thiruvalla	8047	5762	6229	5934	5461	-	-	-
Kuttanad	33579	29646	33697	31679	28733	33020	22037	30977
Ambalapuzha	7981	7188	7640	7259	6989	6351	3461	4044
Sherlalai	10836	7356	7242	7453	6435	5441	5295	5657
Kottayam								
Changanacherry	7114	5530	5318	5317	4811	4675	4823	4982
Kanjirappally	206	159	198	95	134	145	132	181
Kottayam	20994	12351	14052	13619	15081	13905	12490	14895
Vaikom	10614	8892	10004	10532	9889	9277	10160	9231
Meenachil	5395	5016	4856	5033	4886	3988	4279	4314
Idukki								
Peermade	141	73	67	57	22	42	44	43
Devicolam	4463	2593	2390	2650	1572	1384	1386	1510
Udumbanchola	1653	1161	1397	1397	1322	2204	2219	1287
Thodupuzha	7173	5434	5103	5145	5156	4845	4602	4245
Ernakulam								
Kothamangalam	8764	8812	9274	8608	7279	7860	7326	6591
Muvattupuzha	12275	13080	12796	12124	11172	11118	10440	9587
Cochin	3134	1615	1671	2533	2329	2160	1598	1911

(contd.)

(table 2.13 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	13801	9527	8844	8008	7665	7948	7707	7142
Kunnathunad	20890	33181	32462	29953	28661	29814	27385	25458
Alwaye	20422	27148	25822	26412	22708	23157	22629	22735
Parur	9657	9137	10015	8372	6918	7126	7719	7393
Trichur								
Cranganore	2107	2998	3220	3500	2961	2812	2611	2162
Mukundapuram	27501	38285	39978	34031	33313	33136	29288	28047
Trichur	31390	28286	31138	28752	25699	27917	26722	24975
Thalappally	33696	31685	33047	32248	33718	32618	31902	30683
Chowghat	13684	9060	8128	9180	7700	6057	4692	3660
Palghat								
Chittur	42061	39793	41682	39541	41052	39022	39389	39467
Alathur	41090	47552	46471	39931	39130	39902	34488	35379
Palghat	42334	40828	38692	40450	37037	35119	37098	33751
Ottapalam	46159	39234	39137	39371	37391	38209	36396	34638
Mannarghat	13538	16227	14896	13865	13424	14060	13484	11629
Malappuram								
Perinthalmanna	20563	16321	16137	15304	14316	14011	12759	12434
Ponnani	16788	9078	9785	9798	10419	11073	8706	9119
Tirur	22362	22488	22464	23080	20190	20144	17716	17252
Ernad	33240	32135	30588	30320	29824	27957	26281	23503
Kozhikode								
Kozhikode	18740	11821	11710	12068	10631	9600	8553	8038
Gullandy	17519	10008	9777	8933	8617	8049	7034	6883
Badagara	9677	5105	5466	5487	3907	3696	3163	3202
South wayanad	18029	18517	47	-	-	-	-	-
Wayanad								
Vythiri	-	-	7017	7759	9449	6952	7620	7166
Sultan's battery	-	-	10876	10491	8752	11460	11495	10239
Mananthavady	-	-	12128	12232	12370	11239	11652	12594
Cannanore								
North wayanad	10293	11665	21	-	-	-	-	-
Tellicherry	11906	10459	10315	10536	9550	8420	7273	7720
Cannanore	10761	9963	10032	9494	9947	9896	10232	9643
Talparamba	16276	13677	12946	12721	12508	10806	10763	9598
Kasaragod								
Hosdurg	17789	11429	10927	10944	10488	9631	10945	10141
Kasaragod	31264	16272	16170	15745	14079	13313	11391	11139

2.14 Taluk-wise area under paddy - autumn

	[hect.]								
District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	
	1	2	3	4	5	6	7	8	9
Trivandrum									
Neyyattinkara	6545	3940	3695	3694	3405	3171	3256	3167	
Trivandrum	3973	3179	3179	2843	2689	2530	2645	2544	
Nedumangad	5208	4256	4096	4127	3835	3619	3146	2923	
Chirayinkil	3593	3986	3830	3917	3236	4171	3828	3764	
Quilon									
Quilon	2802	3560	3898	4514	4140	3494	2975	2886	
Kottarakkara	6331	5958	6259	6403	6131	5674	5654	5385	
Kunnathur	3972	4693	4590	4545	4347	2873	1370	1344	
Pathanapuram	4400	3997	3904	3922	3728	3729	3678	3606	
Pathanamthitta	1096	2060	1829	1372	1753	-	-	-	
Karunagappally	2560	3074	4060	3079	3305	3227	2990	2611	
Pathanamthitta									
Kozhicherry	-	-	-	-	-	1753	1082	1267	
Ranni	-	-	-	-	-	254	179	124	
Adoor	-	-	-	-	-	3106	2211	1847	
Thiruvalla	-	-	-	-	-	1221	1058	1274	
Mallappally	-	-	-	-	-	1060	540	421	
Allepey									
Karthigappally	5623	4268	4043	3614	4103	3829	1142	3193	
Mavelikkara	3736	5252	5931	5579	4827	4827	5142	4516	
Chengannur	2008	2917	3000	3207	3021	2719	1065	1944	
Thiruvalla	2002	1860	1873	1873	1873	-	-	-	
Kuttanad	8632	10829	10909	10245	10219	13634	1364	14131	
Armbelapuzha	1972	3163	3615	3234	4071	3776	1246	1295	
Sheratalai	6422	4730	4676	4793	4479	3969	3572	3922	
Kottayam									
Changanacherry	1854	2042	1885	1536	1055	1221	1221	1278	
Kanjirappally	63	73	53	16	22	47	47	76	
Kottayam	2683	5235	5879	5859	5307	5307	3184	5586	
Vaikom	1370	3846	4554	4338	4203	3360	4308	4036	
Meenachil	2038	2289	2064	2432	2319	1624	1624	1768	
Idukki									
Peermade	-	4	4	4	-	-	-	-	
Devicolum	268	941	941	1302	1320	1052	1013	852	
Udumbanchola	-	155	155	155	-	75	78	13	
Thodupuzha	3858	2762	2414	2393	2510	2398	2340	2111	
Ernakulam									
Kothamangalam	3728	4318	4435	4839	3512	3634	3325	3059	
Muvattupuzha	4493	5468	5486	4886	4144	4491	3994	3884	
Cochin	3134	1615	1671	2533	2329	2160	1598	1911	

(contd.)

(table 2.14 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	8698	5034	4630	3876	3417	3472	3679	3373
Kunnathunad	7535	12544	10810	11311	10341	11381	10040	9375
Alwaye	6689	10272	9759	9870	8543	8543	8638	8207
Parur	3820	3923	3311	3538	3450	3009	3146	3556
Trichur								
Cranganore	520	811	817	1069	807	702	582	463
Mukundapuram	7432	13244	13931	13244	11622	11289	9240	8351
Trichur	7074	8000	7245	6326	5569	6190	6809	6185
Thalappally	16012	14876	16148	16367	16270	15149	15069	14109
Chowghat	3528	3653	3653	3655	3652	2246	662	580
Palghat								
Chittur	19432	21381	23086	21029	21031	20923	21778	22203
Alathur	20289	18918	19886	20169	20353	20242	18035	18549
Palghat	26463	21583	19863	21031	20376	18771	20343	19324
Ottapalam	27641	20401	20561	20561	19569	19837	19156	17994
Mannarghat	7010	7479	6648	6648	6566	6566	5645	4875
Malappuram								
Perinthalmanna	14219	8389	8321	8063	7481	7396	6488	6505
Ponnani	6872	3821	4156	3861	2434	3197	2987	2911
Tirur	10512	10348	10065	10065	8381	7901	6157	6592
Ernad	18993	16045	14974	14742	15483	13757	12949	11239
Kozhikode								
Kozhikode	8134	4595	4466	4466	4401	3219	2578	2059
Quilandy	10461	3182	3321	3321	3273	2588	1808	1874
Badagara	6339	2002	2299	2299	2003	1632	1118	1074
South wayanad	-	47	47	-	-	-	-	-
Wayanad								
Vythiri	-	-	-	50	-	-	-	3
Sultan's battery	-	-	-	-	-	4	7	16
Mananthavady	-	-	-	21	-	-	-	3
Cannanore								
North wayanad	-	21	21	-	-	-	-	-
Tellicherry	8426	6005	5656	5786	5798	4710	3850	4190
Cannanore	9175	6914	6857	6533	6813	6664	7757	6760
Taliparamba	10238	8448	8167	8167	8809	7128	6803	6293
Kasaragod								
Hosdurg	13095	6816	6216	6782	6849	5975	6888	6446
Kasaragod	24262	9221	9235	8765	8609	8113	6592	6652

2.15 Taluk-wise area under paddy - winter

	(hect.)							
District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	6183	4522	3699	3395	3247	3277	3319	3215
Trivandrum	4436	3042	2908	2634	2606	2463	2654	2527
Nedumangad	5043	4141	3968	3762	3580	3481	3227	3111
Chirayinkil	4764	4410	4293	4584	4113	3982	3967	3913
Quilon								
Quilon	4760	3794	3858	3788	3251	3205	3197	2819
Kottarakara	7174	5803	6001	5939	6222	5870	5577	5479
Kunnathur	5171	4845	4908	4595	4557	1629	1708	1596
Pathanapuram	4883	3957	3861	3960	3776	3660	3658	3608
Pathanamthitta	2403	2372	2232	1867	2177	-	-	-
Karunagappally	4721	4319	4227	4309	4083	3962	3780	3355
Pathanamthitta								
Kozhencherry	-	-	-	-	-	2646	2047	2239
Ranni	-	-	-	-	-	309	368	331
Adoor	-	-	-	-	-	2716	3081	2463
Thiruvalla	-	-	-	-	-	487	549	464
Mallappally	-	-	-	-	-	391	462	460
Alleppey								
Karthigappally	5949	4724	4906	4746	3471	3345	3613	3224
Mavelikkara	5495	5433	5922	5569	4530	4801	5214	3812
Chenagannur	2633	2461	2783	2483	2695	2065	2017	1968
Thiruvalla	2843	1137	1051	1139	826	-	-	-
Kuttanada	-	5916	5928	7129	3286	3302	3524	4941
Ambalapuzha	2211	3075	3075	3075	1022	999	984	1749
Sherthala	4414	2626	2566	2660	1956	1472	1723	1735
Kottayam								
Changanacherry	1458	908	1108	827	1537	1457	1574	1327
Kanajirappally	143	86	145	79	112	96	84	104
Kottayam	7140	2644	3821	3821	4852	4818	5205	4707
Vaikom	7175	4635	5039	6134	5667	5901	5775	5085
Meenachil	2917	2526	2591	2400	2415	2343	2602	2348
Idukki								
Peermade	89	69	63	53	22	42	44	39
Devicolum	4195	1453	1250	1295	134	212	260	487
Udumbanchola	1653	934	1170	1170	1196	1913	1899	1029
Thodupuzha	3315	2644	2655	2710	2603	2423	2244	2116
Ernakulam								
Kothamangalam	4712	3706	4086	4263	3244	3725	3438	3046
Muvattupuzha	7381	6379	6103	6343	5772	5493	5223	4825
Cochin	-	-	-	-	-	-	-	-

(Contd.)

(table 2.15 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	4736	4048	3773	3970	3702	4042	3611	3199
Kunnathunad	11640	12363	13813	13296	12985	13025	11796	11000
Alwaye	10132	10107	9598	9889	9117	9395	8551	8491
Parur	1961	3116	4006	3116	2174	2742	2864	2499
Trichur								
Cranganore	1549	2119	2286	2354	2093	2058	1974	1624
Mukundapuram	15327	15771	16515	15645	15251	15277	12954	12561
Trichur	17699	12853	15811	13561	12008	14080	12710	11248
Thalappally	16342	14518	14509	14249	15954	15424	15275	14146
Chowghat	8576	3907	2449	3907	2914	2866	2758	2021
Palghat								
Chittur	22364	16736	17130	17641	19158	17509	17092	17262
Alathur	20526	28540	26448	19695	18722	19594	16370	16796
Palghat	15721	18818	18425	19239	16471	16164	16618	14299
Ottapalam	17384	17899	17664	18171	17190	17876	16715	16264
Mannarghat	6216	7557	7149	6298	6151	6863	7155	6386
Malappuram								
Perinthalmanna	5733	6996	6810	6531	6263	6128	5850	5591
Ponnani	6440	3490	4171	4631	5557	5882	3937	4074
Tirur	10257	10239	10285	11197	9918	10327	9695	9136
Ernad	13724	15287	14564	15091	13565	13524	12607	11662
Kozhikode								
Kozhikode	9864	6297	6406	6823	5430	5539	5168	4983
Quilandy	6716	5113	4756	4434	4105	4050	3871	3457
Badagara	3150	2971	2872	2971	1751	1843	1854	1944
South wayanad	15232	14080	-	-	-	-	-	-
Wayanad								
Vythiri	-	-	5424	6903	8387	5932	6453	6191
Sultan's battery	-	-	8116	8116	6174	8916	9226	8403
Mananthavady	-	-	9153	9236	9295	8295	8969	9761
Cannanore								
North wayanad	9285	8939	-	-	-	-	-	-
Tellicherry	3172	3927	4197	4389	3350	3152	2948	3153
Cannanore	1563	2902	3040	2905	3100	3193	2440	2862
Taliparamba	6000	4502	4117	4328	3513	3550	3800	3181
Kasaragod								
Hosdurg	4218	3184	3124	3231	2872	2899	3290	3144
Kasaragod	4918	5292	5246	5719	4438	4182	3055	3608

2.16 Taluk-wise area under paddy - summer

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	391	381	365	165	161	152	167	110
Trivandrum	479	240	240	244	175	139	116	116
Nedumangad	133	384	392	11	15	21	14	45
Chirayinkil	651	102	110	15	17	14	13	9
Quilon								
Quilon	317	191	165	75	76	118	98	60
Kottarakkara	126	77	84	84	43	43	30	16
Kunnathur	157	74	84	84	86	76	65	50
Pathanapuram	-	10	8	27	18	-	11	6
Pathanamthitta	78	198	183	183	183	-	-	-
Karunagappally	478	273	255	255	4	3	3	3
Pathanamthitta								
Kozhencherry	-	-	-	-	-	11	221	166
Ranni	-	-	-	-	-	-	121	60
Adoor	-	-	-	-	-	-	25	53
Thiruvalla	-	-	-	-	-	3349	2428	1831
Mallappally	-	-	-	-	-	-	106	60
Alleppey								
Karathigappally	3508	3020	2993	2993	3474	3650	3330	3521
Mavelikkara	4444	2516	2226	2496	4222	2489	2440	3799
Chengannur	2839	1923	1994	850	1089	1073	1289	1183
Thiruvalla	3202	2765	3305	2922	2762	-	-	-
Kuttanad	24947	12901	16860	14305	15228	16082	17149	11905
Ambalapuzha	3798	950	950	950	1896	1576	1231	1000
Sherthala	-	-	-	-	-	-	-	-
Kottayam								
Changanacherry	3802	2580	2325	2954	2219	1997	2028	2377
Kanjirappally	-	-	-	-	-	2	1	1
Kottayam	11171	4472	4352	3939	4922	3780	4101	4602
Vaikom	2069	411	411	60	19	16	77	110
Meenachil	440	201	201	201	152	21	53	198
Idukki								
Peermade	52	-	-	-	-	-	-	4
Devicolum	-	199	199	53	118	120	113	171
Udumbanchola	-	72	72	72	126	216	242	245
Thodupuzha	-	28	34	34	43	24	18	18
Ernakulam								
Kothamangalam	324	788	753	306	523	501	563	486
Muvattupuzha	401	1233	1207	895	1256	1134	1223	878
Cochin	-	-	-	-	-	-	-	-

(Contd.)

(table 2.16 contd.)

1	2	3	4	5	6	7	8	9
1								2
Kanayannur	367	445	441	162	546	534	417	570
Kunnathunad	1716	8274	7839	5346	5335	5408	5549	5083
Alwaye	3601	6769	6465	6653	5048	5219	5440	6037
Parur	3876	2098	2698	1718	1294	1375	1709	1338
Trichur								
Cranganore	38	68	117	77	61	52	55	75
Mukundapuram	4742	9270	9532	5142	6440	6570	7094	7135
Trichur	6617	7433	8082	8865	8122	7647	7203	7542
Thalappally	1342	2291	2390	1632	1494	2045	1558	2428
Chowghat	1580	1500	2026	1618	1134	945	1272	1079
Palghat								
Chittur	265	1676	1466	871	863	590	519	2
Alathur	275	94	137	67	55	66	83	34
Paighat	150	427	404	180	190	184	137	128
Ottapalam	1134	934	912	639	632	496	525	380
Mannarghat	312	1191	1099	919	707	631	684	368
Malappuram								
Perinthalmanna	611	936	1006	210	572	487	421	338
Ponnani	3476	1767	1458	1306	2428	1994	1782	2134
Tirur	1593	1901	2114	1818	1891	1916	1864	1524
Ernad	523	803	1050	487	776	676	725	602
Kozhikode								
Kozhikode	742	929	838	779	800	842	807	996
Quilandy	342	1713	1700	1178	1239	1411	1355	1552
Badagara	188	132	295	217	153	221	191	184
South wayanad	2797	4390	-	-	-	-	-	-
Wayanad								
Vythiri	-	-	1593	806	1062	1020	1167	972
Sultan's battery	-	-	2760	2375	2578	2540	2262	1820
Mananthavady	-	-	2975	2975	3075	2944	2683	2830
Cannanore								
North wayanad	1008	2705	-	-	-	-	-	-
Tellicherry	308	527	462	361	402	558	475	377
Cannanore	23	147	135	56	34	39	35	21
Taliparamba	38	727	662	226	186	128	160	124
Kasaragod								
Hosdurg	476	1429	1587	931	767	757	767	522
Kasaragod	2084	1759	1689	1261	1032	1018	944	879

2.17 Production of rice - district-wise

(Tonnes)

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
TVM	66042	45986	44837	45829	36462	45319	47106	43600
QLN	80617	82189	83369	85846	69737	58929	60835	54791
PTA	-	-	-	-	-	35920	27715	24456
ALP	160740	144858	173162	149768	152797	140514	111971	117799
KTM	77507	58478	64603	83544	70027	66572	58104	67907
IDK	22208	15503	16108	20625	13863	17435	16845	14962
EKM	119160	144601	148995	149818	119054	149199	142756	131063
TCR	139782	147571	155473	149393	155121	147381	151936	143297
PGT	374219	373782	385389	365211	339365	350470	306980	290976
MLP	130363	107488	105190	98724	93291	100712	93056	95684
KKD	68608	54144	27544	28388	21853	23898	22394	19988
WYD	-	-	55024	48241	61755	53489	54800	57718
CNR	125621	97362	79699	80810	74591	66098	78553	71545
KGZ	-	-	-	-	-	-	-	-
State	1364867	1271962	1339393	1306197	1207916	1255936	1173051	1133786

2.18 Production of rice (autumn) district-wise

(tonnes)

1	2	3	4	5	6	7	8	9
TVM	29472	22685	20707	23174	20226	24470	26965	23016
QLN	29783	39743	39102	43592	36047	27693	31024	26358
PTA	-	-	-	-	-	13607	7248	6940
ALP	46005	56167	53748	46026	52761	61687	13261	28324
KTM	10348	23301	28138	30744	28754	25021	12831	20325
IDK	6640	5648	6114	9124	6364	7112	6872	6659
EKM	50340	59764	57138	65388	50995	62011	59352	52475
TCR	39987	49477	47193	52509	53404	42606	41482	45050
PGT	205018	190593	203506	209159	1751566	196006	170701	169212
MLP	70294	48128	44860	40717	38301	41216	35796	39406
KKD	18218	8372	9176	9310	8938	6152	6095	4498
WYD	-	-	-	64	-	4	6	20
CNR	78963	49670	47236	49017	49102	41442	50449	25805
KGZ	-	-	-	-	-	-	-	20321
State	585068	553748	556918	578828	520458	549027	461992	468409

2.19 Production of rice (winter) district-wise

(tonnes)

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
TVM	34832	22352	22897	22108	15864	20545	19806	20391
QLN	49453	41863	43371	41288	33446	30992	29551	28308
PTA	-	-	-	-	-	12227	12231	10822
ALP	28593	36741	44917	43127	29228	21606	29388	29881
KTM	27769	19324	21180	28647	27632	27056	27201	30164
IDK	15464	9353	9682	11341	7210	9530	9267	7624
EKM	55419	57161	62974	63216	47964	64482	59785	55289
TCR	77996	62382	74310	68382	71443	73828	76281	62611
PGT	165741	176176	175043	151679	160779	151524	133622	120451
MLP	49417	50547	52248	50260	45805	50974	47384	47567
KKD	43895	35549	14427	16758	10964	13977	13499	11742
WYD	-	-	42109	40406	48084	41932	44077	48799
CNR	40250	37052	25996	28492	22203	21186	24889	12431
KGZ	-	-	-	-	-	-	-	10543
State	588829	548500	589154	565704	520622	539859	526981	496623

2.20 Production of rice (summer) district-wise

(tonnes)

1	2	3	4	5	6	7	8	9
TVM	1738	949	1233	547	372	304	335	193
QLN	1381	583	896	966	244	244	260	125
PTA	-	-	-	-	-	10086	8236	6694
ALP	86142	51950	74497	60615	70808	57221	69322	59594
KTM	39390	15853	15255	24149	13641	14495	18072	17418
IDK	104	302	312	160	289	793	706	679
EKM	13401	27676	28883	21214	20095	22706	23619	23299
TCR	21799	35712	33970	28502	30274	30947	34173	35636
PGT	3460	7013	6840	4373	3020	2940	2657	1313
MLP	10652	8813	8082	7747	9185	8522	9876	8711
KKD	6495	10223	3941	2320	1951	3769	2890	3748
WYD	-	-	12915	7771	13671	11553	10717	8899
CNR	6408	10640	6467	3301	3286	3470	3215	2447
KGZ	-	-	-	-	-	-	-	1998
State	190970	169714	193321	161665	166836	167050	184078	168754

2.21 Taluk-wise production of rice

[tonnes]

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	21921	12401	11284	12326	9761	11478	12099	13140
Trivandrum	13141	9105	8661	8366	7168	8945	9541	7302
Nedumangad	15917	11936	12864	11953	9167	11557	10186	9137
Chirayinkil	15063	12544	12028	13184	10366	13339	15280	14021
Quilon								
Quilon	10568	10013	9469	11091	8939	9928	7976	8326
Kottarakkara	21868	20877	23932	21972	18911	19560	23597	20259
Kunnathur	12855	14242	18193	16057	10917	6148	4789	5075
Pathanapuram	16806	15517	15385	17824	12568	13925	15908	14463
Pathanamthitta	6778	7974	7467	6377	7336	-	-	-
Karunagappally	11742	13566	8923	12525	11066	9368	8565	6668
Pathanamthitta								
Kozhicherry	-	-	-	-	-	8169	6663	6756
Ranni	-	-	-	-	-	854	1170	981
Adoor	-	-	-	-	-	11672	8353	7149
Thiruvalla	-	-	-	-	-	13017	9618	8184
Mallappally	-	-	-	-	-	2208	1911	1386
Alleppey								
Karthigappally	23438	18451	20185	15988	24283	19633	14804	14498
Mavelikkara	19013	21568	19598	20571	25080	17355	19353	24610
Chengannur	13523	14860	13733	12925	13078	9889	10449	10869
Thiruvalla	14477	9529	14045	13146	12425	-	-	-
Kuttanad	68961	70392	87330	77410	57605	79774	59789	58579
Ambalapuzha	13103	4902	11016	4564	15573	8999	5109	6164
Sheralal	8225	5156	6455	5164	4753	4864	2387	3079
Kottayam								
Changanacherry	15640	10124	11007	16905	10106	9357	10253	10543
Kanjirappally	287	336	385	148	252	238	243	395
Kottayam	38092	22911	28105	33268	32534	31497	27371	32862
Vaikom	14625	16122	17318	23750	18139	18217	11734	15838
Meenachil	8863	8985	7788	9473	8996	7263	8503	8269
Idukki								
Peermade	280	181	172	82	31	66	76	112
Devicolum	7333	4895	4446	7111	2221	2481	2689	3408
Udumbanchola	3129	2334	2883	3001	2730	5130	5007	2855
Thodupuzha	11466	8093	8607	10431	8881	9758	9073	8587
Ernakulam								
Kothamangalam	13806	12726	14289	14000	11084	13774	11936	11861
Muvattupuzha	16679	22710	22628	21661	20362	20453	19791	19679
Cochin	3881	1778	2483	4082	2822	2491	2309	1933

(contd.)

(table 2.21 contd)

1	2	3	4	5	6	7	8	9
Kanayannur	16740	11798	9350	9198	11606	11514	10333	11098
Kunnathunad	29166	45303	49245	44810	33045	49158	46372	41665
Alwaye	27519	37537	35242	45246	33673	39897	39501	34805
Parur	11369	12749	15758	10821	6462	11912	12514	10022
Trichur								
Cranganore	1702	1709	3010	3478	1683	2046	1610	1892
Mukundapuram	31177	52566	45198	45908	49879	49000	52060	43197
Trichur	44634	35828	46760	47411	44547	42821	45003	41723
Thalappally	49447	47658	48561	43655	49198	48216	46335	50882
Chowghat	12822	9810	11944	8941	9814	5298	6928	5603
Palghat								
Chittur	105098	91770	109150	103243	102252	106355	91104	90111
Alathur	94142	98180	117987	102839	95014	99111	75383	82190
Palghat	83543	96895	81333	85415	74536	72269	66561	55340
Ottapalam	71178	54227	56330	53471	50847	53577	53618	48318
Mannarghat	20258	32710	20589	20243	16716	19158	20314	15109
Malappuram								
Perinthalmanna	36753	21783	23413	20944	19404	21375	17701	22308
Ponnani	26083	13034	12047	14137	13965	15040	12693	14673
Tirur	24576	28775	27008	26223	23708	27947	22985	20389
Ernad	42951	43896	42722	37420	35214	39350	39677	38314
Kozhikode								
Kozhikode	18802	11864	12584	13872	10556	11734	11220	9257
Quilandy	11654	9732	10187	9278	7846	9250	7519	7548
Badagera	8549	4737	4733	5238	3451	2914	3655	3183
South wayanad	29603	27811	40	-	-	-	-	-
Wayanad								
Vythiri	-	-	13406	12521	19721	12961	13123	10742
Sultan's battery	-	-	17773	17658	16751	24479	20294	19715
Mananthavady	-	-	23845	18062	25283	16049	21383	27261
Cannanore								
North wayanad	15302	16998	18	-	-	-	-	-
Tellicherry	12659	12054	11616	12813	9744	8622	10399	8778
Cannanore	10021	11659	13631	13027	11393	12253	15414	15568
Talparamba	19728	16829	14149	16402	17332	12932	17289	14337
Kasaragod								
Hosdurg	25230	15207	16658	15620	19582	12117	15470	14627
Kasaragod	42681	24615	23627	22948	20740	20188	19981	18235

2.22 Taluk-wise production of rice - Autumn

[tonnes]

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	10221	5622	5614	6406	5975	6015	7337	7738
Trivandrum	5928	4981	4334	4669	3911	5127	5722	4463
Nedumangad	7244	6012	5714	5674	5546	6432	5252	4493
Chirayinkil	6079	6070	5045	6425	4794	6896	8654	6322
Quilon								
Quilon	3535	4636	4302	5510	4810	4597	3682	3661
Kottarakkara	8186	9770	11695	12128	9614	8924	12963	9770
Kunnathur	4588	6358	8272	7941	4802	3239	1955	2033
Pathanapuram	6915	7773	7409	9083	7934	7214	8341	7477
Pathanamthitta	2156	4100	3125	2542	3655	-	-	-
Karunagappally	4403	7106	4299	6388	5232	3719	4083	3417
Pathanamthitta								
Kozhicherry	-	-	-	-	-	3293	1893	2551
Ranni	-	-	-	-	-	538	327	236
Adoor	-	-	-	-	-	6186	3125	2686
Thiruvalla	-	-	-	-	-	1874	1280	1021
Mallappally	-	-	-	-	-	1716	623	446
Alleppey								
Karthigappally	8249	6769	5939	4681	7607	4948	605	3799
Mavelikkara	5130	7802	6502	7661	7999	5526	5322	4633
Chengannur	2842	5059	3751	6051	5809	3733	1616	2622
Thiruvalla	2482	2071	2236	3171	3138	-	-	-
Kuttanad	18987	29874	25392	19534	15025	38496	2263	13831
Ambalapuzha	3028	1453	4722	1339	9611	4958	1754	1155
Shertalai	5287	3139	5206	3589	3572	4026	1701	2284
Kottayam								
Changanacherry	2744	2821	2611	3474	1877	2205	1640	1458
Kanjirappally	93	175	121	30	57	68	79	177
Kottayam	2681	8416	13216	12936	13878	11461	4556	8957
Valkom	1568	7687	9200	9693	9151	8317	3673	6469
Meenachil	3262	4202	2990	4615	3791	2970	2883	3264
Idukki								
Peermade	-	6	7	8	-	-	-	-
Devicolum	377	1477	1803	3848	1897	1746	2038	2000
Udumbanchola	-	235	208	305	-	124	157	30
Thodupuzha	6263	4130	4016	4963	4473	5242	4677	4629
Ernakulam								
Kothamangalam	6133	6292	6724	6955	6042	6879	5547	5504
Muvattupuzha	6382	9836	10160	10459	8162	8538	7691	8443
Cochin	3881	1778	2483	4082	2822	2491	2309	1933

(contd.)

(table 2.22contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	10538	6162	4725	4056	5018	4550	5144	4889
Kunnathunad	11716	16038	14836	17618	12806	18823	17038	15181
Alwaye	7682	13761	13770	16992	13495	16231	16682	11599
Parur	4008	5897	4439	5226	2650	4499	4941	4926
Trichur								
Cranganore	380	440	443	997	480	165	251	295
Mukundapuram	7642	14035	12408	18576	16601	14850	12821	12853
Trichur	8747	8793	9482	9804	8753	7699	7993	9406
Thalappally	20388	21697	21220	20571	23225	18402	19721	21827
Chowghat	2830	4512	3640	2561	4345	1490	696	669
Palghat								
Chittur	53927	55094	69350	62851	52388	63900	51528	56061
Alathur	47841	42582	50180	54993	50112	53271	45949	51507
Palghat	53097	53161	45711	54338	39577	42847	39507	33362
Ottapalam	26643	27732	28845	28088	25570	27847	27003	22552
Mannarghat	9819	12024	9420	8889	7919	8141	6714	5730
Malappuram								
Perinthalmanna	26643	10665	11485	10111	9253	10413	7665	11947
Ponnani	11477	5342	4625	5207	3057	3866	4049	4283
Tirur	9413	11660	10338	9549	9518	9425	6452	7290
Ernad	22761	20461	18412	15850	16473	17512	17630	15886
Kozhikode								
Kozhikode	6263	3689	4618	4048	4307	2811	3188	1917
Quilandy	6399	2716	2771	2869	2996	2416	1319	1461
Badagara	5556	1927	1747	2393	1635	925	1498	1120
South wayanad	-	40	40	-	-	-	-	-
Wayanad								
Vythiri	-	-	-	45	-	-	-	3
Sultan's battery	-	-	-	-	-	4	6	14
Mananthavady	-	-	-	19	-	-	-	3
Cannanore								
North wayanad	-	22	18	-	-	-	-	-
Tellicherry	8747	6387	7012	7428	6225	4574	6073	4954
Cannanore	8240	8031	9817	9405	8622	8548	12279	11294
Taliparamba	11764	11051	8094	9660	11812	7928	10061	9557
Kasaragod								
Hosdurg	17981	9476	9553	10364	9924	7729	9592	9166
Kasaragod	32231	14703	12742	12160	12519	12663	12444	11155

2.23 Taluk-wise production of rice - Winter

[tonnes]

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	11208	6423	5221	5748	3585	5277	4596	5314
Trivandrum	6622	3879	4119	3345	3112	3722	3663	2770
Nedumangad	8542	5653	6694	6263	3612	5111	4925	4613
Chirayinkil	8460	6397	6863	6752	5555	6435	6622	7694
Quilon								
Quilon	6771	5230	4981	5534	4894	5226	4201	4613
Kottarakkara	13537	11011	12141	9764	9267	10619	10601	10472
Kunnathur	8072	7818	9814	8067	6078	2793	2726	2998
Pathanapuram	9891	7737	7969	8694	4621	6711	7546	6980
Pathanamthitta	4523	3742	4129	3419	3556	-	-	-
Karunagappally	6659	6325	4337	5820	5830	5643	4477	3245
Pathanamthitta								
Kozhicherry	-	-	-	-	-	4862	4141	3999
Ranni	-	-	-	-	-	316	584	635
Adoor	-	-	-	-	-	5412	5170	4332
Thiruvalla	-	-	-	-	-	1271	1362	1052
Mallappally	-	-	-	-	-	366	974	804
Allepey								
Karthigappally	6574	5720	5799	4932	8121	3345	6236	3058
Mavelikkara	6192	7785	7758	7226	5434	6299	6663	6669
Chengannur	4444	4880	5773	4797	5025	3647	4861	4936
Thiruvalla	4983	1855	2207	1887	1479	-	-	-
Kuttanad	-	12819	17076	21635	6752	6617	10003	11690
Ambalapuzha	3462	1665	5055	1085	1236	860	859	2733
Shertalai	2938	2017	1249	1575	1181	838	686	795
Kottayam								
Changanacherry	2450	1506	2939	2320	3766	2127	2697	3622
Kanjirappally	194	161	264	118	195	165	161	216
Kottayam	10949	5399	6072	7898	9874	10631	10979	12569
Vaikom	9414	7790	7522	13958	8966	9884	7894	9134
Meenachil	4762	4468	4383	4353	4831	4249	5470	4623
Idukki								
Peermade	176	175	165	74	31	66	76	109
Devicollam	6956	3217	2540	3209	211	449	507	1141
Udumbanchola	3129	2026	2521	2624	2603	4564	4306	2434
Thodupuzha	5203	3935	4556	5434	4365	4451	4378	3940
Ernakulam								
Kothamangalam	7349	5624	6448	6730	4276	6204	5667	5676
Muvattupuzha	9742	11630	10967	9909	9924	10274	10288	9571
Cochin	-	-	-	-	-	-	-	-

(contd.)

(table 2.23 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	5703	4891	3930	5083	5594	6188	4471	4834
Kunnathunad	15471	17317	21896	21308	13813	21314	20341	18263
Alwaye	14372	14423	13123	16452	12801	15754	14207	13922
Parur	2782	3276	6610	3734	1556	4748	4811	3023
Trichur								
Cranganore	1277	1146	2498	2362	1145	1798	1224	1424
Mukundapuram	16887	21935	20175	19490	24111	23542	24732	19111
Trichur	26931	15158	25475	22338	19050	22034	23854	17245
Thalappally	26337	21414	22786	20745	23700	24130	22981	23005
Chowghat	6564	2729	3376	3447	3437	2324	3490	1826
Palghat								
Chittur	50809	33877	36983	38505	48793	41189	38835	34049
Alathur	45676	55484	67482	47776	44844	45738	29366	30543
Palghat	30087	42839	34648	30883	34741	29240	26864	21848
Ottapalam	29159	25119	26391	24310	24449	25210	25829	25038
Mannarghat	10010	18857	9539	10205	7952	10147	12728	8973
Malappuram								
Perinthalmanna	8897	9919	10613	9913	8401	10339	9452	9910
Ponnani	8970	4336	5017	5778	7005	7391	4327	6178
Tirur	12029	13925	13645	13389	12468	12025	12548	10066
Ernad	19521	22367	22973	21180	17931	21119	21057	21413
Kozhikode								
Kozhikode	11484	6963	6958	9095	5629	7838	7097	6152
Quilandy	4885	4646	4953	5050	3657	4700	4603	3738
Badagara	2688	2664	2516	2613	1678	1439	1799	1852
South wayanad	24838	21276	-	-	-	-	-	-
Wayanad								
Vythiri	-	-	10206	11672	17356	11291	10976	9824
Sultan's battery	-	-	14088	14405	11623	18925	17407	16091
Mananthavady	-	-	17815	14329	19105	11716	15694	22884
Cannanore								
North wayanad	13634	12521	-	-	-	-	-	-
Tellicherry	3528	4972	3988	5150	3159	3411	3957	3549
Cannanore	1759	3399	3673	3583	2744	3680	3098	4246
Taliparamba	7923	4993	5347	6467	5321	4797	7041	4636
Kasaragod								
Hosdurg	6598	4008	4894	4318	4348	3279	4731	4772
Kasaragod	6808	7159	8094	8974	6631	6019	6062	5771

2.24 Taluk-wise production of rice - Summer

[tonnes]

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	
	1	2	3	4	5	6	7	8	9
Trivandrum									
Neyyattinkara	492	356	449	172	201	186	166	88	
Trivandrum	591	245	208	352	145	96	156	69	
Nedumangad	131	271	456	16	9	14	9	31	
Chirayinkil	524	77	120	7	17	8	4	5	
Quilon									
Quilon	262	147	186	47	35	105	93	52	
Kottarakkara	145	96	96	80	30	17	33	17	
Kunnathur	195	66	107	49	37	116	108	44	
Pathanapuram	-	7	7	57	13	-	21	6	
Pathanamthitta	99	132	213	416	125	-	-	-	
Karunagappally	680	135	287	317	4	6	5	6	
Pathanamthitta									
Kozhicherry	-	-	-	-	-	14	629	206	
Ranni	-	-	-	-	-	-	259	110	
Adoor	-	-	-	-	-	74	58	131	
Thiruvalla	-	-	-	-	-	9872	6976	6111	
Mallappally	-	-	-	-	-	126	314	136	
Alleppey									
Karthigappally	8615	5962	8447	6375	8555	11340	7963	7641	
Mavelikkara	7691	5981	5338	5684	11647	5530	7368	13308	
Chengannur	6237	4921	4209	2087	2244	2509	3972	3311	
Thiruvalla	7012	5603	9602	8088	7808	-	-	-	
Kuttanad	49974	27699	44862	36241	35828	34661	47443	33058	
Ambalapuzha	6613	1784	2039	2140	4726	3181	2576	2276	
Shertalal	-	-	-	-	-	-	-	-	
Kottayam									
Changanacherry	10446	5797	5457	11111	4463	5025	5916	5463	
Kanjirappally	-	-	-	-	-	5	3	2	
Kottayam	24462	9096	8817	12434	8782	9405	11836	11336	
Vaikom	3643	645	596	99	22	16	167	235	
Meenachil	839	315	415	505	374	44	150	382	
Idukki									
Peermade	104	-	-	-	-	-	-	3	
Devicollam	-	201	203	54	119	286	144	267	
Udumbanchola	-	73	74	72	127	442	544	391	
Thodupuzha	-	28	35	34	43	65	18	18	
Ernakulam									
Kothamangalam	324	810	1117	315	766	691	722	681	
Muvattupuzha	555	1244	1501	1293	2276	1641	1812	1665	
Cochin	-	-	-	-	-	-	-	-	

(contd.)

(table 2.24 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	499	745	695	59	994	776	718	1375
Kunnathunad	1979	11948	12512	5884	6426	9021	8993	8221
Alwaye	5465	9353	8349	11802	7377	7912	8612	9284
Parur	4579	3576	4709	1861	2256	2665	2762	2073
Trichur								
Cranganore	45	123	69	119	58	83	135	173
Mukundapuram	6648	16596	12615	7842	9167	10608	14507	11233
Trichur	8956	11877	11803	15269	16744	13088	13156	15072
Thalappally	2722	4547	4555	2339	2273	5684	3633	6050
Chowghat	3428	2569	4928	2933	2032	1484	2742	3108
Palghat								
Chittur	362	2799	2817	1887	1071	1266	741	1
Alathur	625	114	325	70	58	102	68	40
Palghat	359	895	974	194	218	182	190	138
Ottapalam	1685	1376	1094	1023	828	520	786	728
Mannarghat	429	1829	1630	1149	845	870	872	406
Malappuram								
Perinthalmanna	1213	1199	1315	920	1750	623	584	451
Ponnani	5636	3356	2405	3152	3903	3783	4317	4212
Tirur	3134	3190	3025	3285	2722	3497	3985	3033
Ernad	669	1068	1337	390	810	619	990	1015
Kozhikode								
Kozhikode	1055	1212	1008	729	620	1085	935	1188
Quilandy	370	2370	2463	1359	1193	2134	1597	2349
Badagara	305	146	470	232	138	550	358	211
South wayanad	4765	6495	-	-	-	-	-	-
Wayanad								
Vythiri	-	-	3200	804	2365	1666	2147	915
Sultan's battery	-	-	3685	3253	5128	5554	2881	3610
Mananthavady	-	-	6030	3714	6178	4333	5689	4374
Cannanore								
North wayanad	1668	4455	-	-	-	-	-	-
Tellicherry	384	695	616	235	360	637	369	275
Cannanore	22	229	141	39	27	25	37	28
Taliparamba	41	785	708	275	199	193	187	144
Kasaragod								
Hosdurg	651	1723	2211	938	1110	1109	1147	689
Kasaragod	3642	2753	2791	1814	1590	1506	1475	1309

2.25 Mean yield of paddy

[Dry paddy Kg./hect.]

District	1975	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
1. Autumn								
Trivandrum	2322	2248	2129	2419	2338	2761	3188	2826
Quilon	2142	2506	2425	2715	2344	2219	2833	2534
Pathanamthitta	-	-	-	-	-	2801	2167	2111
Alleppey	2304	2589	2403	2153	2464	2866	1492	1487
Kottayam	1967	2630	2967	3300	3391	3295	1881	2428
Idukki	2449	2304	2649	3603	2529	3071	3049	3406
Ernakulam	2011	2107	2169	2485	2172	2573	2625	2394
Trichur	1761	1855	1719	1966	2144	1823	1951	2310
Palghat	3095	3232	3440	3560	3040	3455	3058	3105
Malappuram	2115	1898	1820	1687	1726	1945	1906	2201
Kozhikode	1112	1297	1378	1405	1406	1259	1661	1367
Wayanad	-	-	-	1377	-	1377	1377	1377
Cannanore	1843	2020	1989	2071	2027	1935	2408	2278
Kasaragod	-	-	-	-	-	-	-	2361
State	2242	2413	2442	2571	2417	2623	2514	2488
2. Winter								
Trivandrum	2595	2111	2344	2341	1783	2368	2290	2431
Quilon	2585	2539	2631	2569	2115	2574	2510	2556
Pathanamthitta	-	-	-	-	-	2842	2861	2765
Alleppey	1848	2204	2606	2449	2501	2057	2620	2609
Kottayam	2244	2724	2507	3288	2884	2818	2717	3383
Idukki	2544	2791	2868	3297	2775	3160	3172	3161
Ernakulam	2079	2190	2316	2354	1973	2554	2565	2545
Trichur	1995	1931	2193	2094	2255	2261	2542	2291
Palghat	3068	2994	3069	2849	3150	2957	2750	2582
Malappuram	2080	2136	2219	2043	1975	2164	2248	2377
Kozhikode	1911	1901	1565	1793	1479	1861	1886	1721
Wayanad	-	-	2824	2536	3068	2758	2722	3050
Cannanore	2101	1962	2006	2108	1956	1900	2319	2058
Kasaragod	-	-	-	-	-	-	-	2377
State	2336	2357	2518	2444	2442	2514	2559	2545
3. Summer								
Trivandrum	1599	1305	1695	1914	1539	1419	1645	1049
Quilon	1818	1078	1751	2077	906	1547	1912	1409
Pathanamthitta	-	-	-	-	-	4391	4321	4695
Alleppey	3068	3384	4003	3763	3759	3502	4148	4237
Kottayam	3429	3148	3192	5138	2840	3793	4394	3638
Idukki	3053	1536	1558	1532	1533	3353	2881	2360
Ernakulam	1983	2148	2266	2141	2184	2456	2413	2464
Trichur	2317	2694	2335	2505	2671	2729	3027	2974
Palghat	2465	2470	2591	2487	1878	2275	2076	2191
Malappuram	2614	2481	2186	2729	2467	2557	3137	2884
Kozhikode	2429	2172	2117	1624	1555	2319	1869	2088
Wayanad	-	-	2683	1921	3099	2704	2669	2409
Cannanore	2477	2220	2171	1772	2066	2113	2055	1303
Kasaragod	-	-	-	-	-	-	-	2127
State	2794	2626	2837	2945	2194	2993	3290	3204

2.26 Mean yield of paddy (Autumn) Taluk-wise

[Dry paddy Kg./hect]

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	2377	2172	2312	2640	2671	2887	3430	3719
Trivandrum	2271	2385	2075	2500	2214	3084	3293	2670
Nedumangad	2117	2150	2123	2093	2201	2705	2541	2340
Chirayinkil	2575	2318	2005	2497	2255	2516	3441	2556
Quilon								
Quilon	1920	1982	1680	1858	1768	2003	1884	1931
Kottarakkara	1968	2496	2844	2883	2387	2394	3490	2761
Kunnathur	1758	2062	2743	2659	1681	1716	2172	2302
Pathanapuram	2392	2960	2888	3525	3239	2945	3452	3156
Pathanamthitta	2994	3029	2600	2820	3174	-	-	-
Karunagappally	2618	2792	1612	2643	2410	1754	2078	1992
Pathanamthitta								
Kozhicherry	-	-	-	-	-	2859	2662	3065
Ranni	-	-	-	-	-	3224	2781	2891
Adoor	-	-	-	-	-	3031	2132	2213
Thiruvalla	-	-	-	-	-	2336	1841	1220
Mallappally	-	-	-	-	-	2464	1756	1383
Allepey								
Karthigappally	2233	2414	2236	1971	2822	1967	806	1811
Mavelikkara	2090	2261	1669	2090	2522	1742	1575	1562
Chengannur	2154	2040	1903	2872	2927	2090	2310	2053
Thiruvalla	1887	1695	1817	2577	2550	-	-	-
Kuttanad	3348	4199	3543	2902	2238	4297	2525	1490
Ambalapuzha	2337	699	1988	630	3593	1999	2143	1358
Shertalai	1253	1010	1695	1140	1214	1544	725	886
Kottayam								
Changanacherry	2253	2103	2108	3443	2700	2749	2044	1736
Kanjirappally	2248	3643	3475	2854	3905	2202	2558	3545
Kottayam	1521	2447	3421	3361	3980	3287	2178	2441
Vaikom	1742	3042	3075	3401	3314	3768	1298	2440
Meenachil	2436	2794	2205	2888	2488	2784	2702	2810
Idukki								
Peerinade	-	2304	2664	5044	-	-	-	-
Devicolum	2142	2389	2916	4498	2180	2526	3062	3573
Udumbanchola	-	2304	2828	2995	-	2516	3064	3512
Thodupuzha	2471	2276	2532	3157	2712	3327	3042	3338
Ernakulam								
Kothamangalam	2504	2218	2308	2821	2619	2881	2539	2739
Muvattupuzha	2162	2738	2819	3258	2998	2894	2931	3309
Cochin	1885	1676	2262	2453	1844	1755	2199	1539

(contd.)

(table 2.26 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	1844	1863	1553	1593	2235	1995	2128	2206
Kunnathunad	2367	1946	2089	2371	1885	2517	2583	2465
Alwaye	1748	2039	2148	2620	2404	2892	2939	2151
Parur	1597	2288	2041	2248	1169	2276	2391	2108
Trichur								
Cranganore	1113	826	825	1420	905	358	657	971
Mukundapuram	1565	1613	1356	2135	2174	2002	2112	2343
Trichur	1882	1673	1992	2359	2392	1893	1787	2315
Thalappally	1938	2220	2000	1913	2173	1849	1992	2355
Chowghat	1221	1880	1517	1066	1811	1010	1600	1756
Palghat								
Chittur	4224	3922	4572	4549	3791	4648	3601	3843
Alathur	3589	3426	3841	4150	3748	4006	3878	4226
Palghat	3054	3749	3503	3933	2956	3474	2956	2628
Ottapalam	2221	2069	2135	2079	1989	2137	2146	1908
Mannarghat	2132	2447	2157	2035	1836	1887	1810	1789
Malappuram								
Perinthalmanna	2852	1935	2101	1909	1883	2143	1798	2795
Ponnani	2542	2128	1694	2053	1912	1841	2063	2239
Tirur	1363	1715	1563	1444	1729	1816	1595	1683
Ernad	1824	1941	1871	1636	1619	1938	2072	2151
Kozhikode								
Kozhikode	1172	1222	1574	1380	1490	1329	1882	1417
Quilandy	931	1299	1270	1315	1393	1421	1110	1187
Badagara	1334	1465	1157	1584	1242	863	2039	1587
South wayanad	-	1297	1286	-	-	-	-	-
Wayanad								
Vythiri	-	-	-	1377	-	-	-	1377
Sultan's battery	-	-	-	-	-	-	1377	1377
Mananthavady	-	-	-	1377	-	-	-	1377
Cannanore								
North wayanad	-	1619	1286	-	-	-	-	-
Tellicherry	1580	1619	1887	1954	1634	1478	2401	1800
Cannanore	1367	1768	2179	2191	1926	1952	2409	2543
Taliparamba	1749	1991	1508	1800	2041	1693	2251	2312
Kasaragod								
Hosdurg	2090	2116	2339	2326	2205	1969	2120	2164
Kasaragod	2022	2427	2100	2112	2213	2376	2873	2552

2.27 Mean yield of paddy (Winter) Taluk-wise

[Dry paddy Kg./hect.]

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	2759	2162	2148	2577	1681	2451	2108	2516
Trivandrum	2272	1941	2156	1933	1818	2300	2101	1668
Nedumangad	2578	2078	2568	2534	1536	2235	2323	2257
Chirayinkil	2703	2208	2433	2242	2056	2460	2541	2993
Quilon								
Quilon	2165	2098	1965	2224	1917	2482	2000	2491
Kottarakkara	2872	2888	3079	2502	2267	2753	2893	2909
Kunnathur	2376	2456	3043	2672	2030	2610	2429	2859
Pathanapuram	3083	2976	3141	3338	1863	2791	3140	2945
Pathanamthitta	2865	2401	2816	2787	2486	-	-	-
Karunagappally	2147	2229	1562	2056	2173	2168	1803	1472
Pathanamthitta								
Kozhicherry	-	-	-	-	-	2797	3079	2719
Ranni	-	-	-	-	-	1557	2415	2920
Adoor	-	-	-	-	-	3033	2554	2677
Thiruvalla	-	-	-	-	-	3972	3776	3451
Mallappally	-	-	-	-	-	1425	3209	2660
Alleppey								
Karthigappally	1682	1843	1799	1582	3561	1522	2627	1444
Mavelikkara	1715	2181	1994	1975	1826	1997	1945	2663
Chengannur	2569	3018	3157	2934	2838	2688	3668	3818
Thiruvalla	2668	2483	3196	2522	2725	-	-	-
Kuttanad	-	3298	4384	4619	3128	3050	4355	3601
Ambalapuzha	2383	824	2502	537	1841	1310	1329	2378
Shertalai	1013	1169	741	901	919	867	606	697
Kottayam								
Changanacherry	2558	2525	4037	4270	3729	2222	2608	4154
Kanjirappally	2062	2848	2771	2273	2650	2616	2917	3161
Kottayam	2334	3108	2419	3146	3097	3358	3211	4064
Vaikom	1997	2558	2272	3463	2408	2549	2081	2734
Meenachil	2485	2692	2575	2761	3045	2760	3200	2997
Idukki								
Peermade	3008	3865	3962	2125	2113	2392	2629	4254
Devicolem	2524	3370	2971	3772	2395	3227	2968	3566
Udumbanchola	2881	3302	3279	3413	3313	3631	3451	3600
Thodupuzha	2389	2265	2612	3043	2552	2796	2970	2834
Ernakulam								
Kothamangalam	2374	2310	2402	2403	2006	2535	2509	2836
Muvattupuzha	2009	2775	2735	2378	2617	2847	2998	3019
Cochin	-	-	-	-	-	-	-	-

(contd.)

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(table 2.27 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	1833	1839	1585	1949	2300	2330	1885	2300
Kunnathunad	2023	2132	2413	2439	1619	2491	2665	2527
Alwaye	2159	2172	2081	2532	2137	2552	2529	2496
Parur	2159	1600	2511	1824	1089	2636	2557	1841
Trichur								
Cranganore	1255	823	1663	1527	833	1330	944	1335
Mukundapuram	1677	2117	1859	1896	2406	2346	2906	2316
Trichur	2316	1795	2452	2507	2415	2382	2857	2334
Thalappally	2453	2245	2390	2216	2261	2381	2290	2475
Chowghat	1165	1063	2098	1343	1795	1234	1926	1375
Palghat								
Chittur	3438	3081	3286	3322	3877	3581	3458	3002
Alathur	3387	2959	3883	3692	3646	3553	2730	2768
Palghat	2913	3465	2862	2443	3210	2753	2461	2326
Ottapalam	2553	2136	2274	2036	2165	2147	2352	2343
Mannarghat	2451	3798	2031	2466	1968	2250	2708	2139
Malappuram								
Perinthalmanna	2362	2158	2372	2310	2042	2568	2459	2698
Ponnani	2120	1891	1831	1899	1919	1913	1673	2308
Tirur	1785	2070	2019	1820	1913	1772	1970	1677
Ernad	2165	2227	2401	2136	2012	2388	2542	2795
Kozhikode								
Kozhikode	1772	1683	1653	2029	1578	2154	2090	1879
Quilandy	1107	1383	1585	1734	1356	1766	1810	1646
Badagara	1299	1365	1333	1339	1459	1188	1477	1450
South wayanad	2482	2300	-	-	-	-	-	-
Wayanad								
Vythiri	-	-	2864	2574	3150	2897	2589	2415
Sultan's battery	-	-	2642	2702	2865	3231	2872	2915
Mananthavady	-	-	2963	2361	3128	2150	2663	3568
Cannanore								
North wayanad	2235	2132	-	-	-	-	-	-
Tellicherry	1693	1927	1446	1786	1435	1647	2043	1713
Cannanore	1713	1783	1839	1877	1347	1754	1933	2258
Taliparamba	2010	1688	1977	2274	2305	2057	2820	2218
Kasaragod								
Hosdurg	2381	1916	2384	2034	2304	1722	2189	2310
Kasaragod	2107	2059	2348	2388	2274	2191	2393	2435

2.28 Mean yield of paddy (Summer) Taluk-wise

[Dry paddy Kg./hect]

District/Taluk	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
Trivandrum								
Neyyattinkara	1914	1423	1872	1587	1900	1863	1513	1218
Trivandrum	1877	1552	1319	2196	1291	1051	2047	905
Nedumangad	1496	1074	1770	2214	935	1015	978	1049
Chirayinkil	1225	1147	1660	710	1535	870	468	846
Quilon								
Quilon	1259	1174	1716	961	713	1354	1444	1319
Kottarakkara	1754	1894	1740	1450	1034	602	1686	1617
Kunnathur	1891	1360	1944	895	651	2323	2529	1336
Pathanapuram	-	1011	1331	3213	1034	-	2906	1336
Pathanamthitta	1928	1011	1772	3460	1040	-	-	-
Karunagappally	2126	750	1711	1893	1361	2985	2450	2720
Pathanamthitta								
Kozhicherry	-	-	-	-	-	1974	4332	1889
Ranni	-	-	-	-	-	-	3259	2815
Adoor	-	-	-	-	-	4505	3531	3762
Thiruvalla	-	-	-	-	-	4487	4373	5080
Mallappally	-	-	-	-	-	1728	4509	3450
Allepey								
Karthigappally	3738	3005	4296	3242	3748	4729	3640	3303
Mavelikkara	2634	3618	3650	3466	4199	3382	4596	5332
Chengannur	3344	3895	3213	3737	3136	3559	4690	4260
Thiruvalla	3333	3188	4423	4213	4303	-	-	-
Kuttanad	3049	3268	4050	3856	3581	3280	4211	4227
Ambalapuzha	2650	2858	3267	3429	3794	3072	3185	3464
Shertalai	-	-	-	-	-	-	-	-
Kottayam								
Changanacherry	4182	3420	3572	5725	3061	3830	4440	3498
Kanjirappally	-	-	-	-	-	4019	4019	3301
Kottayam	3333	3096	3084	4805	2716	3787	4393	3749
Vaikom	2680	2389	2207	2506	1748	1522	3301	3252
Meenachil	2902	2388	3144	3825	3745	3184	4308	2937
Idukki								
Peermade	3053	-	-	-	-	-	-	1001
Deviclam	-	1536	1558	1558	1530	3268	1940	2377
Udumbanchola	-	1536	1558	1530	1534	3115	3422	2429
Thodupuzha	-	1536	1558	1530	1522	4122	1547	1547
Ernakulam								
Kothamangalam	1523	1565	2258	1567	2229	2099	1952	2133
Muvattupuzha	2108	1536	1892	2199	2758	2203	2255	2886
Cochin	-	-	-	-	-	-	-	-

(contd.)

(table 2.28 contd.)

1	2	3	4	5	6	7	8	9
Kanayannur	2070	2548	2397	556	2771	2721	2621	3672
Kunnathunad	1755	2198	2429	1675	1833	2539	2467	2462
Alwaye	2310	2103	1966	2700	2224	2307	2410	2341
Parur	1798	2594	2657	1649	2654	2950	2460	2358
Trichur								
Cranganore	1817	2754	893	2352	1447	2429	3736	3511
Mukundapuram	2134	2725	2014	2321	2167	2458	3113	2396
Trichur	2061	2432	2223	2622	3138	2605	2780	3042
Ithalappally	3087	3021	2901	2181	2316	4231	3549	3793
Chowghat	3302	2607	3702	2759	2727	2390	3281	4468
Palghat								
Chittur	2081	2542	2925	3298	1889	3266	2174	905
Alathur	3461	1852	3611	1593	1605	2352	1247	1791
Palghat	3644	3192	3671	1640	1746	1506	2111	1641
Ottapalam	2261	2243	1826	2556	1994	1596	2279	2916
Maniarqhat	2095	2337	2257	1903	1819	2099	1940	1679
Malappuram								
Perinthalmanna	3022	1949	1990	1972	4657	1947	2111	2031
Ponnani	2468	2891	2511	3673	2447	2888	3687	3004
Tirur	2994	2554	2178	2750	2191	2778	3254	3029
Ernad	1948	2024	1938	1219	1589	1394	2078	2566
Kozhikode								
Kozhikode	2165	1985	1831	1424	1180	1961	1763	1815
Quilandy	1648	2106	2205	1756	1466	-	1794	2304
Badagara	2471	1681	2425	1627	1373	-	2853	1745
South wayanad	2593	2252	-	-	-	-	-	-
Wayanad								
Vythiri	-	-	3058	1518	3390	2486	2800	1433
Sultan's battery	-	-	2032	2085	3028	3328	1939	3019
Mananthavady	-	-	3085	1900	3058	2240	3227	2352
Cannanore								
North wayanad	2518	2507	-	-	-	-	-	-
Tellicherry	1900	2007	2029	991	1363	1738	1182	1110
Cannanore	1482	2374	1590	1060	1197	976	1609	2029
Falparamba	1632	1643	1628	1852	1628	2295	1779	1768
Kasaragod								
Hosdurg	2083	1835	2121	1534	2203	2230	2276	1903
Kasaragod	2660	2382	2515	2190	2345	2252	2378	2267

2.29 Area under high yielding varieties of paddy

[in hect]

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
1. Total								
Trivandrum	5864	2942	2138	1564	2234	4674	4380	2976
Quilon	6636	13613	12791	16739	15837	10733	12528	12402
Pathanamthitta	-	-	-	-	-	12050	7076	5924
Alleppey	50736	41743	37514	20356	43029	36301	24417	33054
Kottayam	22117	25922	25986	18703	29471	26670	20880	24601
Idukki	1774	4555	4654	4121	1192	2517	2022	2386
Ernakulam	23175	22247	22882	18808	13553	26155	19183	17261
Trichur	28458	24986	27417	16279	20932	19867	17498	16468
Palghat	42305	120987	94250	75864	61546	48425	31476	18291
Malappuram	21162	5406	13956	8356	8315	7628	7426	9537
Kozhikode	11303	8303	4721	2612	2953	5302	3207	3499
Wayanad	-	-	4467	4263	7516	10179	3482	8408
Cannanore	16571	9021	8927	8730	5772	10038	7043	8071
Kasaragod	-	-	-	-	-	-	2660	3055
State	230101	279725	259703	196395	212350	220539	163278	165933
2. Autumn								
Trivandrum	2450	1694	1087	1020	1298	3052	2906	1478
Quilon	4592	12356	11428	14870	14035	8914	10586	11968
Pathanamthitta	-	-	-	-	-	5579	2654	2189
Alleppey	12213	16062	17108	9509	13429	18842	4155	11055
Kottayam	2464	11558	11723	7839	10696	10201	6029	9183
Idukki	1625	2580	3126	2437	464	959	535	557
Ernakulam	16777	13119	16711	15750	10726	19240	13160	9918
Trichur	3927	7301	5569	3437	6908	3140	5627	5436
Palghat	31511	62185	58069	48995	37436	30018	26221	14232
Malappuram	9836	2065	6972	3651	2196	3117	3558	4205
Kozhikode	2992	1773	1331	893	1256	1734	912	929
Wayanad	-	-	-	-	-	-	-	8
Cannanore	10146	5543	4817	4687	3366	7604	5276	6893
Kasaragod	-	-	-	-	-	-	2163	2025
State	98531	136236	138941	113088	101810	112400	83782	80076

(contd.)

(table 2.29 contd.)

1	2	3	4	5	6	7	8	9
3. Winter								
Trivandrum	2043	789	300	238	679	1443	1418	1424
Quilon	1904	1163	1189	1607	1571	1813	1939	421
Pathanamthitta	-	-	-	-	-	3315	1636	1738
Alleppey	2491	5007	3578	2078	6722	1622	3870	4989
Kottayam	9784	9799	10137	7136	11890	12249	10053	10182
Idukki	149	1889	1231	1631	674	1295	1356	1660
Ernakulam	3302	4081	2275	1628	1312	3419	4132	4743
Trichur	14469	7779	10140	3850	6137	7189	5713	4192
Palghat	9610	56115	34860	25833	23311	17888	4819	3863
Malappuram	7860	1496	3959	2120	2817	2113	1482	2573
Kozhikode	5657	2172	1407	502	622	1770	834	911
Wayanad	-	-	1973	1858	4353	7436	1368	5924
Cannanore	4904	2101	2530	3394	1975	2135	1643	1113
Kasaragod	-	-	-	-	-	-	387	871
State	62173	92391	73579	51867	62063	63687	40650	44604
4. Summer								
Trivandrum	1371	459	751	306	257	179	56	74
Quilon	140	94	174	262	231	6	3	13
Pathanamthitta	-	-	-	-	-	3156	2786	1997
Alleppey	36032	20674	16828	8777	22878	15837	16392	17010
Kottayam	9869	4565	4126	3728	6885	4220	4798	5236
Idukki	-	86	297	53	54	263	131	169
Ernakulam	3096	5047	3896	1430	1515	3496	1891	2600
Trichur	10062	9906	10708	8992	7887	9538	6158	6840
Palghat	1184	2687	1321	1036	799	519	436	196
Malappuram	3466	1845	3025	2585	3302	2398	2386	2759
Kozhikode	2654	4358	1983	1217	1075	1798	1461	1659
Wayanad	-	-	2494	2405	3163	2743	2114	2476
Cannanore	1523	1377	1580	649	431	299	124	65
Kasaragod	-	-	-	-	-	-	110	159
State	69397	51098	47183	31440	48477	44452	38846	41253

2.30 Mean yield of high yielding varieties of paddy

[Dry paddy Kg./hect]

District	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
1. Autumn								
Trivandrum	2494	2397	2461	2261	2699	3157	3455	3219
Quilon	2790	3040	2998	3159	2751	2768	3260	2752
Pathanamthitta	-	-	-	-	-	3003	2228	2306
Alleppey	2857	3002	2978	2155	2807	3312	1595	1659
Kottayam	2803	2780	3123	3391	3568	3401	2202	2480
Idukki	2224	2256	2627	3887	2792	2892	2842	3714
Ernakulam	2304	2427	2339	2760	2699	2678	2702	2441
Trichur	2058	2269	1777	2469	2483	2048	2357	2590
Palghat	3387	3721	3888	4237	3228	3908	3273	3821
Malappuram	2532	2816	2244	2324	1750	2400	2438	2606
Kozhikode	1657	1535	1982	1689	1516	1963	2503	1684
Wayanad	-	-	-	-	-	-	-	1377
Cannanore	2225	2378	2392	2553	2870	2355	2936	2758
Kasaragod	-	-	-	-	-	-	-	3583
State	2742	3151	3160	3425	2964	3158	2856	2715
2. Winter								
Trivandrum	2444	2593	2668	2130	2183	2341	2662	2318
Quilon	2186	2417	2217	2592	2471	2559	2443	3294
Pathanamthitta	-	-	-	-	-	2730	3121	3263
Alleppey	2841	3111	3792	3144	3611	2934	4049	3010
Kottayam	2447	2668	2619	3512	2955	2822	3019	3457
Idukki	1797	1957	3006	3665	3543	3004	3521	3176
Ernakulam	1842	2305	2565	2924	2736	2428	3061	2873
Trichur	2289	2187	2905	2601	2430	2415	3351	1867
Palghat	3370	3162	3054	3343	3427	3366	2928	2533
Malappuram	1965	2579	2546	1702	2102	2518	2533	3129
Kozhikode	2007	1839	2398	2298	2824	2477	3061	2428
Wayanad	-	-	3167	3272	3056	3417	3183	4500
Cannanore	2434	2263	2662	2785	2762	2321	3006	2877
Kasaragod	-	-	-	-	-	-	-	3392
State	2425	2887	2928	3155	3093	2924	3126	3142
3. Summer								
Trivandrum	1699	1330	1736	2059	1362	1216	1305	1584
Quilon	2233	1895	1811	3073	1041	761	4059	1873
Pathanamthitta	-	-	-	-	-	4526	4317	4741
Alleppey	3246	3397	4355	3765	3878	3721	4692	4364
Kottayam	3833	3263	3105	5325	2796	3667	4466	3599
Idukki	-	1558	1558	1558	1558	3021	2521	3098
Ernakulam	2168	2177	2450	1086	2297	2526	2571	2621
Trichur	2792	2969	2788	2917	3241	3010	3199	3530
Palghat	3104	2755	3012	3131	2254	2604	2964	2314
Malappuram	2765	2862	2458	3062	2626	3002	3634	3162
Kozhikode	2335	2735	2290	1895	1584	2518	2061	2421
Wayanad	-	-	2641	2185	3356	3097	3365	2856
Cannanore	2399	2769	2340	2566	2197	2438	2322	1756
Kasaragod	-	-	-	-	-	-	-	2077
State	3103	3105	3260	3263	3330	3364	4015	3754

2.31 Area under paddy - high yielding and local varieties (in hect.)

District		1985-86						1986-87					
		HYV	%	LV	%	Total	%	HYV	%	LV	%	Total	%
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Trivandrum	A	2906	22.6	9969	77.4	12875	100.0	1478	11.9	10920	88.1	12398	100.0
	W	1418	10.8	11749	89.2	13167	100.0	1424	11.2	11342	88.8	12766	100.0
	S	56	18.1	254	81.9	310	100.0	74	26.4	206	73.6	280	100.0
Quilon	A	10586	63.5	6081	36.5	16667	100.0	11968	75.6	3864	24.4	15832	100.0
	W	1939	10.8	15981	89.2	17920	100.0	421	2.5	16436	97.5	16857	100.0
	S	3	1.5	204	98.5	207	100.0	13	9.6	122	90.4	135	100.0
Pathanamthitta	A	2654	52.1	2436	47.9	5090	100.0	2189	43.8	2814	56.2	5003	100.0
	W	1636	25.2	4871	74.8	6507	100.0	1738	29.2	4219	70.8	5957	100.0
	S	2786	96.0	115	4.0	2901	100.0	1997	92.0	173	8.0	2170	100.0
Alleppey	A	4155	30.7	9376	69.3	13531	100.0	11055	38.1	17946	61.9	29001	100.0
	W	3870	22.7	13205	77.3	17075	100.0	4989	28.6	12440	71.4	17429	100.0
	S	16392	64.4	9047	35.6	25439	100.0	17010	79.5	4398	20.5	21408	100.0
Kottayam	A	6029	58.0	4355	42.0	10384	100.0	9183	72.0	3561	28.0	12744	100.0
	W	10053	66.0	5187	34.0	15240	100	10182	75.0	3389	25.0	13571	100.0
	S	4798	76.6	1462	23.4	6260	100.0	5236	71.8	2052	28.2	7288	100.0
Idukki	A	535	15.6	2896	84.4	3431	100.0	557	18.7	2419	81.3	2976	100.0
	W	1356	30.5	3091	69.5	4447	100.0	1660	45.2	2011	54.8	3671	100.0
	S	131	35.1	242	64.9	373	100.0	169	38.6	269	61.4	438	100.0
Ernakulam	A	13160	38.2	21260	61.8	34420	100.0	9918	29.7	23447	70.3	33365	100.0
	W	4132	11.6	31351	88.4	35483	100.0	4743	14.4	28317	85.6	33060	100.0
	S	1891	13.1	13010	86.9	14901	100.0	2600	18.1	11792	81.9	14392	100.0
Trichur	A	5627	17.4	26735	82.6	32362	100.0	5436	18.3	24252	81.7	29688	100.0
	W	5713	12.5	39958	87.5	45671	100.0	4192	10.1	37408	89.9	41600	100.0
	S	6158	33.8	11024	66.2	17182	100.0	6840	37.5	11399	62.5	18239	100.0
Palghat	A	26221	30.9	58736	69.1	84957	100.0	14232	17.2	68713	82.8	82945	100.0
	W	4819	6.5	69131	93.5	73950	100.0	3863	5.4	67144	94.6	71007	100.0
	S	436	22.4	1512	77.6	1948	100.0	196	21.5	716	78.5	912	100.0
Malappuram	A	3558	12.4	25023	87.6	28581	100.0	4205	15.4	23042	84.6	27247	100.0
	W	1482	4.6	30607	95.4	32089	100.0	2573	8.5	27890	91.5	30463	100.0
	S	2386	49.8	2406	50.2	4792	100.0	2759	60.0	1839	40.0	4598	100.0
Kozhikode	A	912	16.6	4592	83.4	5504	100.0	929	18.5	4078	81.5	5007	100.0
	W	834	7.7	10059	92.3	10893	100.0	911	8.8	9473	91.2	10384	100.0
	S	1461	62.1	892	37.9	2353	100.0	1659	60.7	1073	39.3	2732	100.0
Wayanad	A	-	-	7	100.0	7	100.0	8	36.4	14	63.6	22	100.0
	W	1368	5.5	23280	94.5	24648	100.0	5924	24.3	18431	75.7	24355	100.0
	S	2114	34.6	3998	65.4	6112	100.0	2476	44.0	3146	56.0	5622	100.0
Cannanore	A	5276	28.6	13134	71.4	18410	100.0	6893	40.0	10350	60.0	17243	100.0
	W	1643	17.9	7545	82.1	9188	100.0	1113	12.1	8083	87.9	9196	100.0
	S	124	18.5	546	81.5	670	100.0	65	12.5	457	87.5	522	100.0
Kasaragod	A	2163	16.0	11317	84.0	13480	100.0	2025	15.5	11073	84.5	13098	100.0
	W	387	5.4	6758	94.6	7145	100.0	871	12.9	5881	87.1	6752	100.0
	S	110	6.4	1601	93.6	1711	100.0	159	11.1	1271	88.9	1430	100.0
State	A	83782	30.0	195917	70.0	279699	100.0	80076	27.9	206493	72.1	286569	100.0
	W	40650	13.0	272773	87.0	313423	100.0	44604	15.0	252464	85.0	297068	100.0
	S	38846	45.6	46313	54.4	85159	100.0	41253	51.5	38913	48.5	80166	100.0

Source: DES HYV-High yielding variety; LV-Local variety; A-Autumn; W-Winter; S-Summer

2.32 Area under paddy - irrigated and unirrigated (in hect.)

District	Season	1985-86						1986-87					
		irri- gated	%	unirri- gated	%	Total	%	irri- gated	%	unirri- gated	%	Total	%
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Trivandrum	Autumn	3723	29	9152	71	12875	100	3490	28	8908	72	12398	100
	Winter	4363	33	8804	67	13167	100	5165	40	7601	60	12766	100
	Summer	194	63	116	37	310	100	132	47	148	53	280	100
Quilon	Autumn	68	-	16599	100	16667	100	144	1	15688	99	15832	100
	Winter	3681	21	14239	79	17920	100	3738	22	13119	78	16857	100
	Summer	132	64	75	36	207	100	88	65	47	35	135	100
Pathanamthitta	Autumn	16	-	5074	100	5090	100	-	-	5003	100	5003	100
	Winter	2038	31	4469	69	6507	100	2107	35	3850	65	5957	100
	Summer	2876	99	25	1	2901	100	2049	94	121	6	2170	100
Alleppey	Autumn	-	-	13531	100	13531	100	-	-	29001	100	29001	100
	Winter	2017	12	15058	88	17075	100	2561	15	14868	85	17429	100
	Summer	3798	15	21641	85	25439	100	7407	35	14001	65	21408	100
Kottayam	Autumn	303	3	10081	97	10384	100	1211	10	11533	90	12744	100
	Winter	9773	64	5467	36	15240	100	7428	55	6143	45	13571	100
	Summer	2830	45	3430	55	6260	100	2020	28	5268	72	7288	100
Idukki	Autumn	1123	33	2308	67	3431	100	311	10	2665	90	2976	100
	Winter	3004	68	1443	32	4447	100	2713	74	958	26	3671	100
	Summer	113	30	260	70	373	100	149	34	289	66	438	100
Ernakulam	Autumn	14667	43	19753	57	34420	100	17544	53	15821	47	33365	100
	Winter	31502	89	3981	11	35483	100	30218	91	2842	9	33060	100
	Summer	14773	99	128	1	14901	100	14380	100	12	-	14392	100
Trichur	Autumn	504	2	31858	98	32362	100	2073	7	27615	93	29688	100
	Winter	40752	89	4919	11	45671	100	35530	85	6070	15	41600	100
	Summer	17182	100	-	-	17182	100	18237	100	2	-	18239	100
Palghat	Autumn	10285	12	74672	88	84957	100	31060	37	51885	63	82945	100
	Winter	59060	80	14890	20	73950	100	54696	77	16311	23	71007	100
	Summer	1834	94	114	6	1948	100	727	80	185	20	912	100
Malappuram	Autumn	265	1	28316	99	28581	100	922	3	26325	97	27247	100
	Winter	15223	47	16866	53	32089	100	16797	55	13666	45	30463	100
	Summer	4682	98	110	2	4792	100	4578	100	20	-	4598	100
Kozhikode	Autumn	-	-	5504	100	5504	100	-	-	5007	100	5007	100
	Winter	81	1	10812	99	10893	100	653	6	9731	94	10384	100
	Summer	2199	93	154	7	2353	100	2702	99	30	1	2732	100
Wayanad	Autumn	-	-	7	100	7	100	-	-	22	100	22	100
	Winter	8987	36	15661	64	24648	100	8066	33	16289	67	24355	100
	Summer	4443	73	1669	27	6112	100	4649	83	973	17	5622	100
Cannanore	Autumn	-	-	18410	100	18410	100	148	1	17095	99	17243	100
	Winter	6966	84	2222	10	9188	100	6208	68	2998	32	9196	100
	Summer	598	97	72	3	670	100	516	99	6	1	522	100
Kasaragod	Autumn	4	-	13476	100	13480	100	127	1	12971	99	13098	100
	Winter	6764	95	381	5	7145	100	6466	96	286	4	6752	100
	Summer	1711	100	-	-	1711	100	1430	100	-	-	1430	100
State	Autumn	30958	11	248741	89	279699	100	57030	20	229539	80	286569	100
	Winter	194211	62	119212	38	313423	100	182346	62	114722	38	297068	100
	Summer	57365	67	27794	33	85159	100	59064	74	21102	26	80166	100

2.33 Net area irrigated - source-wise

Source	1980-81	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7
Govt. Canal	99397	104321	100445	94339	96646	96494
Private canal	5299	4356	3574	3809	4004	4574
Govt. Tanks	*5048	4393	4045	3385	3597	3662
Private tanks	*50922	30923	31565	34623	40265	40829
Govt. wells	-	878	1900	912	1225	766
Private wells	-	26125	29286	32610	36443	44458
Major and lift irrigation	33702	36154	33937	32628	30948	29978
Other source	43606	51594	60788	68392	83209	78503
Total	237974	258744	265536	270698	296337	299264

*Includes Govt. wells & Private wells.

2.34 Net area irrigated (source-wise) 1986-87

(in hect.)

District	Govt. canal	Private canal	Govt. tanks	Private tanks	Govt. wells	Private wells	Minor & lift irrigation	Other sources	Total
1	2	3	4	5	6	7	8	9	10
Trivandrum	5281	383	1008	298	18	587	1044	1395	10614
Quilon	478	70	64	105	14	380	235	3055	4401
Pathanamthitta	517	172	7	35	19	93	405	1627	2875
Alleppey	2523	13	60	12771	23	1116	2677	3085	22268
Kottayam	1196	389	310	331	18	323	947	2699	6213
Idukki	576	43	66	28	9	48	189	1815	2774
Ernakulam	18290	74	602	2167	293	5965	10725	9754	47870
Trichur	17725	622	730	11067	200	10549	5929	14655	61476
Palghat	45483	279	364	5753	9	6353	2125	4989	65355
Malappuram	590	745	91	4174	17	8091	4362	12899	30969
Kozhikode	2760	105	245	238	17	486	1029	929	5809
Wynad	271	550	8	46	7	35	33	6567	7517
Cannanore	397	799	62	365	93	3914	76	6552	12258
Kasaragode	407	330	45	3451	29	6518	203	8482	19465
State	96494	4574	3662	40829	766	44458	29978	78503	299264

(Source:- Department of Economics & Statistics)

2.35 Gross area irrigated - crop-wise

[hect.]

Crop	1980-81	1981-82	1982-83	1984-85	1985-86	1986-87
1	2	3	4	5	6	7
Paddy	276863	275145	280805	312860	282534	293440
Vegetables	3879	3664	3876	4519	5026	4781
Tubers	1297	442	785	655	735	604
Coconut	60001	63183	67147	70107	73133	80671
Arecanut	14863	14308	12983	13200	14500	16669
Cloves, nutmeg & cinnamon	933	1005	833	649	767	679
Other condiments & spices	997	999	1291	1002	1038	1066
Banana	4977	4868	5636	5718	6951	8025
Betel leaves	701	597	658	543	582	733
Sugarcane	854	945	906	1066	1287	2001
Others	15481	18170	15591	12834	12599	11919
Total	380926	383126	390511	423153	399152	425588

2.36 District-wise gross area under irrigation (crop-wise) 1986-87

[in hect.]

District	Paddy	Tubers	Vegetables	Coconut	Arecanut	Cloves & nutmeg	Other spices & condiments	Banana	Betel leaves	Sugar-cane	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Trivandrum	8787	27	437	828	1	17	2	382	80	2	1006	11569
Quilon	3970	6	228	184	9	4	-	50	77	2	278	4808
Pathanamthitta	4156	1	125	129	2	-	3	67	6	65	43	4597
Alleppey	9968	223	569	15948	49	52	97	130	23	74	830	27963
Kottayam	10659	15	285	11	-	106	19	113	18	2	1046	12274
idukki	3173	5	9	9	2	13	6	1	-	178	29	3425
Ernakulam	62142	9	60	11593	688	379	20	956	12	1	1671	77531
Trichur	55840	64	353	28914	2670	67	260	625	28	-	977	89798
Paighat	86483	7	827	4099	1849	13	317	998	6	1671	2127	98397
Malappuram	22297	192	1017	2907	1972	3	60	1471	424	-	826	31169
Kozhikode	3355	19	141	211	119	2	2	925	9	-	1840	6623
Wayanad	12715	2	70	28	4	-	-	28	-	-	61	12908
Cannanore	6872	33	143	3468	318	23	128	1711	9	6	1082	13793
Kasaragod	8023	1	517	12342	8986	-	152	568	41	-	103	30733
State	298440	604	4781	80671	16669	679	1066	8025	733	2001	11919	425588

Source: DES

2.37 Consumption of fertilizers in Kerala

[tonnes]

Year	Nutrients		Potash K ₂ O	Total
	Nitrogen N	Phosphorus P ₂ O ₅		
1	2	3	4	5
1980-81	41697	23402	32449	97530
1981-82	40612	23214	30935	94761
1982-83	45233	26555	38065	109853
1983-84	62480	31178	35819	129477
1984-85	57657	32642	37346	127645
1985-86	59800	*34800	*47900	*142500
1986-87	*60700	*35800	*54700	*151200

*provisional

2.38 Season-wise consumption of N, P₂O₅ and K₂O - 1986-87

[tonnes]

District	Kharif				Rabi				Total			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Trivandrum	1916	1301	1784	5001	1248	830	958	3036	3164	2131	2742	8037
Quilon	2052	1298	1914	5264	1091	681	931	2703	3143	1979	2845	7967
Pathanamthitta	2142	1666	1901	5709	1566	1289	1159	4014	3708	2955	3060	9723
Alleppey	1976	935	2289	5200	2824	1486	2731	7041	4800	2421	5020	12241
Kottayam	4233	2741	3057	10031	3006	1988	2830	7824	7239	4729	5887	17855
Idukki	1452	1035	838	3325	1128	385	593	2106	2580	1420	1431	5431
Ernakulam	3085	2025	3488	8598	2331	1617	2807	6755	5416	3642	6295	15353
Trichur	2183	1085	2864	6132	2922	1542	2839	7303	5105	2627	5703	13435
Palghat	5826	2070	3162	11058	4765	1644	2010	8419	10591	3714	5172	19477
Malappuram	2494	1482	2329	6305	1924	1030	1427	4381	4418	2512	3756	10686
Kozhikode	1550	1295	2271	5116	1251	888	1738	3877	2801	2183	4009	8993
Wayanad	1875	1440	1795	5110	905	586	798	2289	2786	2026	2593	7399
Cannanore	1690	1232	2545	5467	1206	872	1524	3602	2896	2104	4069	9069
Kasaragod	1260	840	1345	3445	882	574	796	2252	2142	1414	2141	5697
State	33734	20445	31582	85761	27049	15412	23141	65602	60783	35857	54723	151363

Source: Fertilizer statistics 1986-87.

2.39 Consumption of plant nutrients in Kerala and India
(Kg/Hect. of cropped area)

Year	Kerala				India			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
1	2	3	4	5	6	7	8	9
1982-83	15.5	8.7	12.2	36.4	24.4	8.3	4.2	36.9
1983-84	22.2	10.5	12.7	45.4	30.2	10.1	4.6	44.9
1984-85	19.8	11.2	12.9	43.9	31.0	10.6	4.7	46.3
*1985-86	20.9	12.2	16.7	49.8	32.2	11.5	4.7	48.4
*1986-87	21.2	12.5	19.1	52.8	32.1	11.7	4.9	48.7

*Provisional. (Source:- Fertilizer Statistics).

2.40 Indices relating to agriculture

Base - Triennium ending
1969-70 = 100

Commodities	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
I. Index of area under crop							
1. Paddy	95.01	95.62	92.25	87.70	86.55	80.38	78.67
2. Food grains	93.35	93.85	90.21	86.06	84.79	78.92	77.47
3. Pepper	111.20	111.38	110.58	109.21	108.90	125.08	132.59
4. Betelnut	92.32	92.24	91.69	89.85	85.60	88.48	87.03
5. Banana	121.12	119.00	119.51	128.47	136.33	139.55	158.32
6. Other plantain	77.23	79.39	74.94	76.04	77.99	80.67	76.36
7. Cashew	141.97	140.65	142.00	143.04	137.53	138.42	134.21
8. Tapioca	79.85	80.86	74.20	75.96	70.66	66.15	62.88
9. Coconut	104.21	106.65	107.89	109.15	109.98	112.73	112.96
10. Tea	88.09	86.80	85.78	85.32	85.23	84.69	84.39
11. Coffee	183.44	183.44	183.31	197.42	202.61	207.78	207.78
12. Rubber	139.91	139.91	150.79	159.57	183.57	194.36	204.64
	105.31	106.36	106.39	108.61	110.40	113.16	114.09
All crops	101.06	102.06	100.77	100.72	101.43	101.11	101.18
II. Index of net area sown							
Index	101.41	101.89	101.42	101.45	101.64	101.94	102.67
III. Index of cropping intensity							
Index	99.65	100.17	99.36	99.28	99.79	99.19	98.55
IV. Index of cropping pattern							
Index	98.42	98.74	98.74	99.27	98.44	98.55	98.38
V. Index of yield rate							
1. Paddy	112.64	117.85	119.13	115.90	122.10	122.80	121.27
2. Food grains	113.13	118.26	119.50	116.32	122.56	123.31	121.82
3. Pepper	126.74	122.05	109.62	111.09	78.73	130.85	113.23
4. Betelnut	117.01	115.87	120.23	92.54	108.24	120.47	121.31
5. Banana	169.53	178.15	162.31	160.96	161.59	179.63	160.84
6. Other plantain	180.11	180.68	164.21	180.37	179.51	178.20	185.41
7. Cashew	51.64	50.22	47.61	48.43	47.06	51.87	59.18
8. Tapioca	113.98	103.80	116.24	115.77	117.18	111.02	116.79
9. Coconut	83.09	81.13	84.95	68.62	90.38	86.23	80.86
10. Tea	130.04	118.31	119.63	117.02	149.25	140.34	134.71

(Table 2.40 Contd.)

	1	2	3	4	5	6	7	8
11. Coffee		93.96	134.35	87.04	35.12	179.07	82.99	82.99
12. Rubber		147.05	146.14	148.43	149.04	150.87	139.33	144.82
All crops		108.63	107.69	109.13	100.38	114.32	112.58	111.26
VI. Index numbers of agricultural productivity								
per hectare of net area sown								
Index		106.55	106.54	107.13	98.93	112.35	110.06	107.91
VII. Index number of production								
1. Paddy		107.02	112.69	109.90	101.64	105.68	98.71	95.40
2. Foodgrains		106.79	112.33	109.42	101.33	105.34	98.47	95.27
3. Pepper		140.93	135.94	121.22	121.32	85.74	163.67	150.13
4. Betel nuts		108.02	106.99	110.24	83.15	92.65	106.59	105.58
5. Banana		205.33	212.00	193.98	206.78	220.30	250.68	254.64
6. Other plantain		139.10	143.44	123.06	137.15	140.00	143.75	141.58
7. Cashew		73.34	70.64	67.60	69.28	64.72	71.80	79.42
8. Tapioca		93.01	83.93	86.25	87.94	82.80	73.44	73.44
9. Coconut		86.59	86.53	91.65	74.90	99.40	97.21	91.34
10. Tea		114.55	102.69	102.62	99.84	127.21	118.85	113.68
11. Coffee		172.36	246.46	159.56	69.34	362.81	172.44	172.44
12. Rubber		205.74	204.46	223.82	237.83	276.95	270.80	296.36
All crops		108.08	108.55	108.65	100.36	114.19	112.20	110.79

**2.40(a) Cost of cultivation per hectare of important crops in Kerala
under different cost concepts from 1980-81 to 1985-86**

Year		Autumn	Winter	Summer	Coconut	Tapioca	Banana	Pepper	Ginger	Areca nut
		paddy	paddy	paddy	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11
1980-81	Cost A	2773	3268	3256	2739	1782	*	1506	7413	2587
	Cost B	4716	5250	5930	14445	10809	*	8644	15489	12969
	Cost C	4787	5350	6094	14526	11015	*	8863	16119	13223
1981-82	Cost A	3635	3822	4325	2849	1870	*	1579	10370	3150
	Cost B	6003	6871	7079	15291	12609	*	8982	21942	14906
	Cost C	6169	7074	7385	15514	12962	*	9194	22706	15437
1982-83	Cost A	3543	3921	5064	2885	2034	*	1545	11372	3443
	Cost B	6697	7345	7657	11753	13537	*	9747	23911	16608
	Cost C	6882	7608	8106	17938	13938	*	9972	24880	17200
1983-84	Cost A	4295	4381	5272	2897	3460	14675	1370	17711	2903
	Cost B	8387	8579	8791	26187	26767	52007	21651	34840	26999
	Cost C	8562	8772	9036	26372	27424	53712	21929	36521	27459
1984-85	Cost A	4377	4780	5422	2921	3386	13503	2276	19645	3387
	Cost B	10095	9927	10056	36687	27953	45549	33445	42813	29198
	Cost C	10306	10163	10357	36871	28746	47698	33841	44067	29701
1985-86	Cost A	4290	5289	5752	3337	*	22397	2347	NA	NA
	Cost B	10118	11467	10205	39777	*	49757	57737	NA	NA
	Cost C	10317	11750	10632	40018	*	53057	58385	NA	NA

Cost A - Cash and kind expenses (paid-out costs) actually incurred by the cultivators.

Cost B - Cost A plus interest on fixed capital

Cost C - Cost B plus imputed value of family labour.

*The study was not conducted for these crops during the years.

**2.40(b) Percentage distribution of components of cost 'A' of paddy (3 seasons)
coconut and pepper during 1980-81 and 1985-86**

Concept	1980-81					1985-86				
	Autumn paddy	Winter paddy	Summer paddy	Pepper	Coconut	Autumn paddy	Winter paddy	Summer paddy	Pepper	Coconut
1	2	3	4	5	6	7	8	9	10	11
Labour cost	61.20	62.37	63.92	49.07	50.24	59.16	65.40	63.53	64.30	49.93
Seed/seedling	7.83	9.58	6.64	0.33	0.58	8.02	7.85	7.18	1.53	0.42
Farm yard manure	10.39	12.05	1.44	27.22	21.03	10.93	9.34	6.21	14.96	28.80
Chemical fertilizers	9.81	7.01	14.34	4.25	8.98	9.88	9.11	10.76	3.40	6.05
Plant protection	0.40	0.37	4.39	2.59	0.18	0.96	1.10	3.82	0.17	0.30
Land tax & irrigation- cess	0.40	0.52	0.55	0.73	0.11	0.12	0.11	0.36	0.17	0.21
Repair & maintenance charges of implements machinery & building	3.71	3.30	2.43	5.78	5.11	5.36	1.29	1.37	3.11	1.29
Interest on working capital	4.58	4.59	4.85	8.50	8.62	4.50	4.63	4.68	8.78	8.96
Other expenses	1.68	0.21	1.44	1.53	5.15	1.07	1.17	2.09	3.58	4.04
Total cost A	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Cost A - cash and kind expenses (paid out costs) actually incurred by the cultivators.

2.41 Agricultural implements and machinery

District	Hand operated implements						Animal operated implement		
	Seed fertilizer drill	Seed drill	Chaff cutter	Wheel hoe	Sprayers	Dusters	Wodden plough	Steel plough	
	2	3	4	5	6	7	8	Salshi-ring	Soil hining
1	2	3	4	5	6	7	8	9	10
Trivandrum	1263	11	26	91	601	898	5462	4291	802
Quilon	1445	262	288	172	523	1189	11501	10458	2659
Alleppey	472	33	53	211	3284	190	7385	2555	1679
Kottayam	1092	29	52	277	4209	297	4342	550	145
Idukki	1787	9	982	1087	6431	1100	5523	1065	619
Ernakulam	1467	18	91	189	4987	245	29662	3118	937
Trichur	138	117	178	192	2297	654	16080	2237	1492
Palghat	1442	13	602	177	2654	2230	65279	2871	1778
Malappuram	1381	231	197	98	2360	1662	33225	2173	856
Kozhikode	1508	354	103	82	1171	169	4952	472	336
Wayanad	220	3	179	302	1324	593	14801	2610	1737
Cannanore	3705	613	1280	2286	5565	274	30354	1124	821
State	15920	1753	4031	5164	35406	9501	228566	33524	13861

District	Animal operated implements									
	Dise harrow	Culti- vator (trihats)	Seed-cum fertilizer drill	Speed drill	Leveling karah (leveler)	Wetland puddler	Old paddy thresher	Animal cart	Perstan wheel	Sugar-cane crusher
	11	12	13	14	15	16	17	18	19	20
Trivandrum	22	26	10	508	2396	81	61	170	12	4
Quilon	52	114	51	832	6634	208	74	658	20	5
Alleppey	113	131	16	40	2846	163	29	217	161	22
Kottayam	40	11	29	14	1924	114	2	165	46	19
Idukki	10	10	5	6	2403	13	4	39	-	16
Ernakulam	51	10	5	150	13305	204	45	263	26	5
Trichur	56	70	13	185	6722	930	115	782	31	3
Palghat	140	308	104	933	31286	4668	483	5718	5	9
Malappuram	42	71	17	374	19168	1056	81	81	-	2
Kozhikode	36	6	3	41	1143	161	-	11	-	-
Wayanad	27	164	10	37	4250	225	380	70	8	1
Cannanore	172	72	18	66	7972	262	9	71	-	9
State	76	993	281	3186	100049	8085	1283	8245	309	95

(contd.)

(table 2.41 contd.)

District	Plant protection equipments and engines etc.				Tractor, power and other implements						
	Power operated sprayer/duster	Diesel engine pump-set	Electric pump-set	Powertiller for agrl. purpose	Tractor for agrl. purpose	Mould board plough	Dise harrow	Seed drill	Seed cum fertilizer drill	Plant feller	Leveler
1	21	22	23	24	25	26	27	28	29	30	31
Trivandrum	37	138	456	30	29	41	4	3	1	8	89
Quilon	18	135	922	26	15	43	-	-	-	27	162
Alleppey	127	1046	5070	140	71	39	4	4	4	9	199
Kottayam	54	270	2303	285	50	49	3	-	-	3	54
Idukki	467	219	566	63	85	28	8	4	4	1	161
Ernakulam	158	1467	18283	940	141	389	21	5	4	10	1019
Trichur	211	4288	25763	1589	132	75	7	1	-	10	448
Palghat	564	3198	7063	359	593	212	25	4	2	91	735
Malappuram	135	4959	5293	170	85	73	7	-	-	10	351
Kozhikode	42	198	773	28	12	18	1	-	-	3	24
Wayanad	33	88	123	67	77	144	-	-	-	-	102
Cannanore	212	8469	7841	228	45	167	9	2	22	6	238
State	2058	24475	74456	3925	1335	1278	84	23	27	188	3582

District	Other power operated equipments									
	Potato digoer	Trai-ler	Combined harvester		Tresher	Multi-crop	Maizer ageller	Chaff cutter	Sugar cane crusher	
1	32	33	Tractor attached	Self prepared	Wheat	Paddy	crop	ageller	cutter	cane crusher
			34	35	36	37	38	39	40	41
Trivandrum	-	12	3	1	8	11	-	-	4	-
Quilon	33	3	-	-	-	8	-	-	-	6
Alleppey	1	11	5	-	-	2	3	3	-	28
Kottayam	1	6	-	-	1	?	5	-	2	3
Idukki	-	14	8	-	-	-	-	-	-	16
Ernakulam	1	29	13	-	1	24	9	-	-	1
Trichur	2	15	2	-	-	179	-	1	1	3
Palghat	5	97	12	3	3	3	3	-	4	12
Malappuram	33	21	2	-	-	1	4	-	-	1
Kozhikode	1	1	-	-	-	1	-	-	-	-
Wayanad	1	64	14	2	-	1	2	-	-	-
Cannanore	129	24	1	2	7	98	7	-	6	1
State	207	297	60	8	20	330	33	4	17	71

2.42 Growth of livestock population in Kerala - estimates based on livestock census 1982

Category	1977-78	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9
Cattle	3007826	3081157	3111337	3146230	3185848	3230206	3279341	3333294
Buffaloes	451935	412973	404932	397433	390430	383893	357789	372099
Sheep & goats	1699079	1970765	2046176	2124954	2207323	2293531	2383869	2478655
Pigs	170038	131597	123430	115770	108585	101846	95526	89598
Ducks & drakes	432298	514812	544612	578164	615575	656990	702582	752562
Fowls	13017112	14320166	14695774	15091680	15510233	15951816	16417362	16907843

2.43 Livestock population (district-wise) 1982

District	Cattle	Buffaloes	Goats	Sheep	Pigs	Others	Total livestock	Total poultry
1	2	3	4	5	6	7	8	9
Trivandrum	197501	31438	185825	720	8724	25	424233	1431488
Quilon	419294	24081	235735	1306	1026	53	681495	1511521
Alleppey	319225	9683	138408	664	584	41	468605	1587940
Kottayam	283353	7931	159346	479	41239	103	492451	1207218
Idukki	166028	14193	99141	762	34201	476	314801	564355
Ernakulam	304367	27272	180354	253	15335	73	527654	1624152
Trichur	233655	54331	186370	482	2118	79	477035	1533438
Palghat	273813	102354	194665	1290	982	143	573247	1297144
Malappuram	193364	64428	224613	623	183	32	483243	1673560
Kozhikode	212568	7200	154030	77	1279	26	375180	1050749
Wynad	108964	28642	56982	131	4248	154	199121	364420
Cannanore	384643	37031	188326	272	17228	15	627515	1237425
State	3096775	408584	2003795	7059	127147	1220	5644580	15083410

(Source:- Dept. of animal husbandry.)

2.44 Growth of veterinary institutions in Kerala

Year	Dist. veter-inary centre	Veterinary				Mobile farm aid units	Key vil-lage blocks	Inten-sive cattle develop-ment centre	Live stock farms	Goat fir-ms	Poul-try farms	Pig-gers- farm unit	Other insti-tutions	Total
		Poly cli-nics	Hospi-tal	Disp-ensa-ries	Mobile hosp-itals									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1980-81	-	25	399	135	12	14	8	3	2	2	12	5	456	1073
1981-82	-	30	394	135	12	17	4	4	3	2	12	5	572	1190
1982-83	-	35	426	128	12	18	4	4	4	2	12	5	577	1227
1983-84	-	42	479	118	12	18	2	5	4	2	12	5	673	1372
1984-85	-	42	479	118	12	18	-	6	4	2	12	5	673	1372
1985-86	-	49	527	113	12	18	-	6	4	2	12	5	758	1506
1986-87	5	51	542	106	12	18	-	6	4	2	12	5	753	1516

2.45 Milk production in Kerala

Year	Average milk production per day per animal in milk (Kg.)				Total milk production (lakh tonnes)			
	Cow (cross breed)	Cow(Non-descript)	Buffalo	Goat	Cow milk	Buffalo milk	Goat milk	Total milk production
1	2	3	4	5	6	7	8	9
1977-78	3.162	1.618	2.770	6.395	6.240	0.870	0.670	7.780
1980-81	3.582	1.587	2.977	0.407	7.384	0.963	0.732	9.079
1981-82	3.822	1.627	3.152	0.400	8.046	1.028	0.744	9.818
1982-83	3.760	1.647	3.226	0.428	8.959	0.968	0.857	10.784
1983-84	3.802	1.691	2.977	0.449	9.662	0.902	0.940	11.504
1984-85	3.951	1.690	3.165	0.445	10.282	0.943	0.980	12.200
1985-86	3.998	1.718	2.964	0.593	10.879	0.898	1.053	12.830
1986-87	3.943	1.694	2.828	0.456	11.377	0.860	1.099	13.336

Source:- Integrated Sample Survey. Dept. of Animal Husbandry.

2.46 Inland water spread area in Kerala

Type of inland water	Area in hecets.(provl.estimate)
River	85000
Tanks and ponds	3300
Reservoirs	29659
Brackish water, lakes, backwater & estuaries	242600
Total	360559

Out of this 121600 hecets. are available for prawn culture.

2.47 District-wise distribution of coast line of Kerala

Name of marine district	Length of coast line	
	Length in Km.	Percentage to total
1	2	3
Trivandrum	78	13.2
Quilon	37	6.3
Alleppey	82	13.9
Ernakulam	46	7.8
Trichur	54	9.2
Malappuram	70	11.8
Kozhikode	71	12.0
Cannanore	152	25.8
State	590	100.0

2.48 Continental shelf area & estimated potential demersal fishery resources of Kerala

Division of continental shelf based on depth range	Area (sq.km.)	Estimated total demersal fishery resources based on ave. each rates (tonnes)	Estimated potential subst-anciable yield at 68% (in tonnes)
1	2	3	4
In shore area (0 - 10 Fathems)	5057	37935	22761
Off shore area (10-40 Fathems)	24442	90432	54259
Deep sea area (40-100 Fathems)	10224	17040	10224
Total area (0-100 Fathems)	39723	145407	87244

Source: Facts & figures 1980 - Fisheries - Kerala.

2.49 Fish landing in Kerala

Year	Marine		Inland	
	Quantity (MT)	Value (Rs. in lakh)	Quantity (MT)	Value (Rs.in lakh)
1	2	3	4	5
1970-71	379865	2035.68	12845	117.86
1975-76	407923	3369.99	23208	536.11
1980-81	268083	8221.68	25526	1092.91
1981-82	304808	6253.32	26059	1301.60
1982-83	348443	8364.98	26385	1403.59
1983-84	418085	9531.75	27240	1480.68
1984-85	365121	9439.37	27617	1567.60
1985-86	350826	12759.96	28578	1779.13
1986-87	307287	13203.84	28194	2177.09
1987-88	286435	13412.67	26932	2423.74
(provisional)				

2.50 Species-wise landings of marine fish in Kerala

(in tonnes)

Name of fish	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88*
1	2	3	4	5	6	7	8	9
1. Elasmobranchs	6124	5414	5634	10108	3969	7518	6902	6209
2. Eels	4	7	21	32	19	13	18	13
3. Cat fishes	13909	9326	9922	16694	12056	2081	4740	8021
4. Chirocentrus	720	1063	1166	1013	1638	5102	2148	990
5. Oil sardine	65669	172230	159488	165800	63180	128568	129072	132192
6. Other sardines	9932	7091	8488	4679	70266	26070	14160	13725
7. Hilsa Ilisha	1	11	108	95	1271	-	82	71
8. Other hilsa	21	15	-	-	-	-	-	-
9. Anchoviella	6305	4674	14134	56138	45799	19413	8399	11090
10. Thrissacles	2143	682	957	1356	331	486	1357	1145
11. Other clupeids	558	951	3313	6950	13789	3322	5908	2626
12. Harelda neherens	-	-	-	-	900	8	-	-
13. Sanraja & sansus	6834	5648	5466	5879	1780	3647	2609	4202
14. Hemirhamphus & belone	282	673	1054	351	890	601	614	517
15. Flying fish	9	7	1	3	1124	3	8	4
16. Perches	17987	9172	10780	12307	2736	723	6920	8353
17. Red mullets	1	38	373	58	14342	11899	8746	111
18. Polynemids	14	126	131	200	26	52	324	87
19. Scienids	5130	2747	3851	9877	6411	4158	5729	4726
20. Ribbon fish	12916	7058	11046	1149	2425	3381	3425	4767
21. Caranx	4864	1753	3523	5345	1877	2011	2292	2309
22. Chorinemus	81	617	388	383	53	29	182	98
23. Trachynotus	-	-	-	-	85	11	49	-
24. Other carangid	59	-	-	-	2426	2812	2685	3776
25. Coryphaena	30	4931	9843	9988	49	58	55	27
26. Elacate	14	-	-	-	7177	9224	8407	4851
27. Leiognathus	3645	3124	9093	9383	4126	1650	3860	3990
28. Lactarius	786	935	1840	1436	1137	-	-	-
29. Pomfrets	1059	1421	4381	1761	1299	1123	1097	870
30. Mackerel	21560	12788	9270	12699	21389	997	1780	1937
31. Seer fish	3116	4422	5199	6633	3333	28216	16032	16179
32. Runnies	9977	6938	6305	5933	4781	2650	3077	3548
33. Sphyræna	438	903	543	1103	806	6897	6953	5416
34. Mugil	1432	117	32	117	224	227	287	656
35. Soles	4493	4760	12282	15016	6903	1083	985	85
36. Penacid prawns	51063	21809	32288	32157	28146	2276	4587	5921
37. Non penacid prawns	1771	142	33	170	-	35178	28118	24376
38. Other crustaceans	6384	3115	5841	12992	618	318	2158	1862
39. Cephalopods	3486	2904	3206	1864	4986	2941	4298	2824
40. Miscellaneous	6556	7196	8443	9216	32724	36080	19224	8861
Total	269373	304808	348443	418885	365091	350826	307287	286435

**2.51 Distribution of marine fish landing
by species and districts - 1985**

Species	Metric tonnes									
	TVM	QLN	ALP	EKM	TCR	MLP	KKD	CNR	KSG	TOTAL
1	2	3	4	5	6	7	8	9	10	11
1. Elasmobranchs	214	4306	449	493	131	14	218	2107	34	7966
2. Cat fishes	2	409	278	435	88	43	196	211	153	1815
3. Chirocentrus	3101	1804	2	38	8	-	1	91	-	5045
4. Eels	-	13	-	-	-	-	-	-	-	13
5. Oil Sardine	364	7983	10299	22697	6556	14449	15467	24570	3936	106321
6. Other Sardine	2997	3174	3063	15652	582	1792	2082	1089	1034	31465
7. Hilsa Isha	-	-	-	-	-	-	4	-	-	4
8. Anchovies	5410	4683	5542	2591	154	463	362	104	40	19349
9. Thrisocles	23	131	-	96	32	-	82	-	-	364
10. Other clupeids	997	229	269	1030	-	863	369	-	-	3757
11. Harpodon Neherella	29	84	-	-	-	-	-	-	-	113
12. Saurida saurus	137	3392	-	10	-	-	-	-	-	3539
13. Hemirhamphus & belone	535	57	3	-	-	-	-	-	-	595
14. Flying fish	3	7	-	-	-	-	-	-	-	10
15. Perches	148	233	3	43	-	-	18	45	10	500
16. Red mullets	25	10849	8	721	-	1	17	-	-	11621
17. Polynemids	-	-	-	-	-	-	-	-	-	-
18. Sclaeinids	280	2842	149	475	15	77	152	-	-	3990
19. Ribbon fish	2537	14	7	6	5	303	301	78	-	3251
20. Caranx	447	814	18	434	17	119	-	21	-	1870
21. Cherinemus	27	3	16	-	-	-	-	-	-	46
22. Trachynotus	12	-	-	-	-	-	-	-	-	12
23. Other Carangids	1041	222	532	5	1	-	63	1	-	1865

(contd..)

(Table 2.51 contd.)

	1	2	3	4	5	6	7	8	9	10	11
24. Coryphaena	-	-	-	-	31	-	-	-	-	-	31
25. Elacat	2	9176	-	-	-	-	-	-	-	-	9178
26. Leiognathus	421	606	376	-	12	38	83	-	-	-	1536
27. Lactarius	205	709	4	13	-	-	-	-	-	-	931
28. Pomfrets	256	85	189	49	21	16	48	257	67	988	
29. Mackereel	2483	1554	1953	5231	980	1372	3708	5850	966	24097	
30. Seer fish	357	442	122	544	46	16	166	899	216	2808	
31. Tunnies	2638	861	84	2295	-	-	68	256	4	6206	
32. Sphyraena	119	328	-	-	-	-	-	-	-	447	
33. Mugil	20	796	66	150	2	4	41	-	-	1079	
34. Soles	2	771	59	74	59	590	1200	247	364	3366	
35. Prawns	13	22927	7716	1632	428	293	1359	815	699	35882	
36. Lobsters	15	229	531	-	-	2	33	-	-	810	
37. Crabs	14	1	2	8	-	-	17	-	-	42	
38. Cephalopods	1827	672	1	43	386	-	166	-	7	3102	
39. Miscellaneous	3237	10796	12271	1894	964	597	3276	2441	2953	38429	
Total	29938	91202	44012	56690	10487	21052	29497	39082	10483	332443	

(Source:- Dept. of Fisheries.

2.52 Disposal of marine fish landings in Kerala

Year		Fresh	Dried/ cured	Frozen	Cured	Fishmeal/ Other	Total
1	2	3	4	5	6	7	8
1980-81	F	104432	73103	8355	2089	20886	208865
	C	2961	2961	44413	8883	-	59218
1981-82	F	140083	98058	12207	2802	27017	280167
	C	1254	1254	18816	3763	-	25087
1982-83	F	154883	108418	12390	3098	30976	309765
	C	1908	1908	28622	5724	-	38162
1983-84	F	186383	130468	14911	3728	37276	372766
	C	2266	2266	33989	6798	-	45319
1984-85	F	168178	117725	13454	3364	33636	336357
	C	1438	1438	21573	4315	-	28764
1985-86	F	192913	80513	22452	1911	17541	315330
	C	3550	177	30172	1597	-	35496
1986-87	F	169053	70525	20358	1711	15364	277011
	C	3028	151	25735	1362	-	30276
1987-88	F	157780	65749	20663	1683	14322	260197
	C	2624	131	22302	1181	-	26238

2.53 Exports of marine products

Year	Quantity (tonnes)		Share of	Value (in gross)		Share of
	India	Kerala	Kerala	India	Kerala	Kerala
1	2	3	4	5	6	7
1975-76	54463	31644	58.10%	124.53	67.81	54.45%
1980-81	75591	29148	38.56%	234.84	95.34	40.60%
1981-82	70105	32006	43.65%	286.01	125.12	43.75%
1982-83	78175	32525	41.61%	361.36	141.49	39.15%
1983-84	92691	32840	35.43%	373.02	140.85	37.76%
1984-85	86187	31570	36.63%	384.29	148.13	38.55%
1985-86	83651	29580	35.36%	398.00	138.08	34.69%
1986-87	85843	33906	39.50%	460.67	164.57	35.72%
1987-88	97179	35576	36.61%	531.20	183.94	34.63%

2.54 Exports of marine products by items

Items	Quantity in tonnes								Percentage to total							
	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Frozen shrimp	24481	26007	26914	27475	26583	22706	22816	26892	83.99	81.26	82.75	83.66	84.20	76.76	67.29	75.59
Frozen squids	382	402	714	402	727	1859	6239	3132	1.31	1.26	2.19	1.22	2.30	6.28	18.41	8.80
Frozen frog legs	2372	2962	1284	1451	1270	1099	79	-	8.14	9.25	3.95	4.42	4.02	3.72	0.23	-
Frozen cuttle fish & fillets	634	1370	1417	715	1066	2612	2869	2806	2.17	4.28	4.36	2.18	3.38	8.83	8.46	7.89
Fresh & frozen fish	37	224	936	1582	216	384	689	1818	0.13	0.70	2.88	4.82	0.69	1.30	2.03	5.11
Frozen hobster-tails	273	424	392	294	496	394	293	260	0.94	1.32	1.20	0.90	1.57	1.33	0.86	0.73
Canned & dried shrimp	259	76	65	23	6	15	16	10	0.89	0.24	0.20	0.07	0.02	0.05	0.05	0.03
Others	710	541	803	898	1206	511	905	658	2.43	1.69	2.47	2.73	3.82	1.73	2.67	1.85
Total	29148	32006	32525	32840	31570	29580	33906	35576	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

(Source:- Dept. of Fisheries.)

2.55 Export of fish products through the ports of Kerala

Year	Quantity (tonnes)	Value (Rs. in Lakhs)
1	2	3
1970-71	23896	2757
1975-76	31644	6761
1980-81	29148	9534
1981-82	32006	12512
1982-83	32525	14149
1983-84	32840	14085
1984-85	31570	14813
1985-86	29580	13808
1986-87	33906	16457
1987-88	35576	18394

2.56 Inland fish landings - species-wise

Name of species	(tonnes)							
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9
Prawns	4724	5796	5850	5968	5992	6112	5896	5822
Etroplus	2906	2915	2930	2971	2980	2884	2825	2786
Murrels	2912	2899	2921	2962	2963	2895	2847	2742
Cat fish	2685	2691	2730	2827	2940	2982	2943	2864
Mulletts	2218	2223	2272	2312	2354	2423	2287	2250
Jew fish	1520	1514	1533	1584	1672	1810	1730	1698
Tilapea	4172	4180	4255	4405	4784	5014	4936	4732
Labeo	3	23	26	35	37	89	229	98
Barbus	268	265	264	278	304	322	296	289
Mrigala	1	8	8	10	24	45	89	70
Crabs	356	349	347	362	384	412	384	372
Common crabs	-	-	-	-	-	123	187	86
Catla	2	5	5	5	14	48	156	74
Carpio	8	63	64	74	56	-	-	-
Gourami	1	-	-	-	-	5	-	-
Chanos	174	177	178	189	212	234	212	199
Eels	57	41	37	40	36	32	34	30
Others Miscellaneous	3539	2910	2965	3217	2865	3148	3143	2820
Total	25526	26059	26385	27240	27617	28578	28194	26932

(Source:- Dept. of Fisheries).

2.57 Important forest product of Kerala

Produce	Unit	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9	10	11
Timber round logs	'000 cum	616.062	529.758	255.866	419.948	111.373	82.893	81.103	107.028	51.115
Fuel wood	'000 MT	225.043	249.028	187.856	141.242	68.275	57.533	31.579	78.474	25.438
Poles teak	'000 Nos.	1149	1290	696	1102	1512	1364	1404	1008	940
Charcoal	MT	313	554	605	93	403	488	281	26	19
Bamboo	'000 Nos.	1840	2472	895	420	33	1016	414	6281	4225
Cane	"	-	46	11	134	65	-	-	-	-
Ivory	Kg.	355	144	12	46	49	17	100	35	177
Reed	'000 MT	9.450	5.158	17.709	5.470	6.101	17.266	66.203	33.375	137.534
Sandal wood	MT	11.005	1.943	23.052	142.748	2.438	114.750	36.148	65.418	122.540
Honey	MT	26.625	16.571	6.280	13.165	27.727	8.618	22.547	14.813	15.622
Dammer	MT	-	54.884	40.343	34.265	22.830	18.170	13.273	7.998	8.175
Wax	MT	2.497	6.472	0.123	1.048	3.240	0.510	11.351	1.051	1.030

Source: CCF

2.58 Major forest products of Kerala

Division	Year	Timber in round logs (Cu.m.)	Timber in round poles (Nos.)	Sawn & squared timber (Cu.m.)	Fuel wood (tonnes)	Charcoal (M.T.)
1	2	3	4	5	6	7
Trivandrum	1975-76	27066.0	24336	-	9506.9	-
	1980-81	19995.3	-	-	7426.0	-
	1981-82	23562.0	-	0.2	15130.2	529.8
	1982-83	13470.1	5504	-	5809.5	-
	1983-84	8371.0	-	-	77.8	-
	1984-85	86.4	-	0.3	4894.5	1.9
	1985-86	185.9	-	-	1796.9	-
	1986-87	61.8	-	-	180.0	2.7
	1987-88	4.5	10	-	7.1	1.3
Thenmala	1975-76	23486.0	190999	-	33669.5	-
	1980-81	35155.0	84036	-	11441.0	-
	1981-82	17399.7	22303	-	18366.1	-
	1982-83	15386.0	24853	0.7	15583.3	-
	1983-84	6701.8	35235	0.02	2701.7	395.99
	1984-85	19762.0	62647	-	12134.8	474.4
	1985-86	18305.5	81413	-	7119.4	264.0
	1986-87	6878.8	77057	0.8	9195.7	-
	1987-88	192.8	21133	-	113.5	-
Punalur	1975-76	86613.0	22093	-	50870.1	-
	1980-81	45362.0	14481	-	12879.5	10.3
	1981-82	33176.6	409	-	23922.1	61.5
	1982-83	13221.9	26413	-	14331.7	1.1
	1983-84	9521.9	59512	16.7	16404.2	0.5
	1984-85	260.5	107659	2.2	10214.1	-
	1985-86	1495.7	104513	4.0	1223.0	-
	1986-87	11275.6	35811	0.4	6051.1	-
	1987-88	1261.1	444	7.4	1884.8	4.3
Kanni	1975-76	42135.0	23355	147.1	4884.9	-
	1980-81	66758.2	16880	-	1050.0	437.5
	1981-82	72094.6	12786	-	16641.5	1.2
	1982-83	62804.1	26779	3.7	5112.6	-
	1983-84	21996.0	56391	12.0	6211.0	-
	1984-85	8048.8	22035	23.3	2649.6	-
	1985-86	22603.4	3282	4.6	929.1	-
	1986-87	29310.4	37004	29.5	30295.8	-
	1987-88	23051.4	963	5.9	10045.5	-
Konni	1975-76	31951.0	25018	-	15012.0	-
	1980-81	26573.7	58201	1.2	24865.5	-
	1981-82	17219.8	40258	0.8	4387.0	2.5
	1982-83	22618.7	53881	4.3	23832.3	-
	1983-84	1751.1	55990	-	578.0	-
	1984-85	1527.7	38040	-	264.1	-
	1985-86	6553.1	143119	10.8	2085.3	-
	1986-87	7677.9	45159	-	5593.9	-
	1987-88	5322.1	32044	-	1655.4	-

(Contd.)

(Table 2.58 contd.)

	1	2	3	4	5	6	7
Kottayam	1975-76	11315.0	65375	-	-	1430.8	-
	1980-81	11169.7	-	-	4.2	4681.5	-
	1981-82	2938.8	11433	-	-	687.3	-
	1982-83	21296.3	-	-	0.7	8427.9	-
	1983-84	6526.7	5835	-	-	3196.5	-
	1984-85	11856.3	12294	-	-	2179.5	-
	1985-86	7557.9	60888	-	-	8.0	-
	1986-87	13292.1	40465	-	-	3439.9	-
	1987-88	2528.2	-	-	-	266.0	-
Malayattoor	1975-76	35608.0	240149	-	104.3	399.5	-
	1980-81	16906.0	73778	-	-	11134.3	-
	1981-82	9736.5	166981	-	-	7080.8	-
	1982-83	8391.9	21877	-	-	10016.7	-
	1983-84	3240.9	110475	-	-	2725.1	-
	1984-85	272.0	137568	-	-	44.3	-
	1985-86	619.9	60346	-	-	123.8	-
	1986-87	26.5	130191	-	-	6.0	-
	1987-88	66.9	83510	-	-	32.3	0.02
Chalakydy	1975-76	52161.0	99010	-	-	26220.5	-
	1980-81	25371.3	166940	-	-	382.8	-
	1981-82	2085.0	62197	-	-	633.8	-
	1982-83	14637.0	124296	-	-	2800.2	-
	1983-84	7328.4	98680	-	-	11678.8	-
	1984-85	2425.8	108597	-	-	3328.4	-
	1985-86	465.1	95582	-	8.5	85.3	-
	1986-87	214.0	41669	-	1.8	171.3	-
	1987-88	84.0	48113	-	1.3	31.3	-
Trichur	1975-76	5377.0	88065	-	-	6043.1	-
	1980-81	1987.2	48218	-	-	452.8	0.3
	1981-82	2046.2	47004	-	-	82.5	3.0
	1982-83	6786.9	51734	-	3.9	628.9	3.7
	1983-84	162.2	37531	-	6.3	225.0	6.0
	1984-85	2416.2	32350	-	8.5	4.3	4.0
	1985-86	429.3	19975	-	3.8	67.8	1.6
	1986-87	521.0	30305	-	4.7	57.5	1.5
	1987-88	255.5	85705	-	4.0	1.0	0.6
Nenmara	1975-76	7748.0	34800	-	-	774.6	-
	1980-81	9419.6	6188	-	-	11906.8	0.1
	1981-82	8624.9	6355	-	-	6547.5	-
	1982-83	10676.2	21821	-	-	3439.5	-
	1983-84	1416.2	20129	-	-	4048.4	-
	1984-85	1161.4	4492	-	-	1488.4	-
	1985-86	1000.6	752	-	-	2550.6	-
	1986-87	77.0	28675	-	-	1240.5	0.08
	1987-88	91.7	1825	-	1.4	722.6	-

(Contd.)

(Table 2.58 contd.)

1	2	3	4	5	6	7
Palghat	1975-76	7874.0	26678	4422.0	4892.0	-
	1980-81	5128.2	16549	-	6155.5	-
	1981-82	2576.2	8114	-	3387.8	-
	1982-83	5457.8	10355	-	5135.5	-
	1983-84	674.8	9017	-	2980.0	-
	1984-85	1353.5	1273	-	2250.0	-
	1985-86	2675.7	6026	-	1348.6	-
	1986-87	474.1	11735	-	-	-
	1987-88	274.1	4096	-	112.5	-
Nilambur	1975-76	34740.0	137906	-	19709.3	-
	1980-81	19321.4	258759	-	12009.8	-
	1981-82	10522.7	101494	-	8814.1	-
	1982-83	7845.9	352833	-	2264.3	-
	1983-84	17201.6	307311	-	4675.8	-
	1984-85	9159.7	305782	-	2573.5	-
	1985-86	5236.6	186743	-	1865.0	-
	1986-87	7336.2	43733	-	1467.0	-
	1987-88	3791.9	80976	-	747.1	-
Kallar valley (Achankovil)	1975-76	-	-	-	-	-
	1980-81	229990.0	36666	-	20279.0	-
	1981-82	8921.0	1102	-	8955.5	-
	1982-83	1410.1	14843	-	-	-
	1983-84	373.0	79157	-	625.5	-
	1984-85	206.2	76037	-	770.6	-
	1985-86	-	49601	-	-	-
	1986-87	15902.9	12683	-	4572.0	-
	1987-88	7719.7	28241	-	3236.3	-
*Kottayam (Hydel Dn.)	1970-71	39355.4	-	-	11073.0	10135.3
	1975-76	16723.0	-	-	13868.0	262.5
Munnar	1975-76	292.0	-	-	300.0	50.0
	1980-81	226.0	195	-	401.8	-
	1981-82	999.2	-	-	-	-
	1982-83	219.6	600	10.9	4114.8	-
	1983-84	32.8	1152	6.8	2192.8	-
	1984-85	135.8	-	-	10160.8	-
	1985-86	308.2	-	-	6397.6	3.8
	1986-87	3310.5	-	-	2669.1	-
	1987-88	1178.4	-	-	2801.8	-
Kozhikode	1975-76	29300.0	26337	-	12020.0	-
	1980-81	37233.1	115387	-	18295.0	-
	1981-82	5160.7	13700	-	11808.5	-
	1982-83	7678.1	90811	-	9614.5	-
	1983-84	5743.8	116419	-	1445.0	-
	1984-85	661.5	102598	-	-	-
	1985-86	91.2	36863	-	10.0	-
	1986-87	8.0	31940	-	344.7	-
	1987-88	34.1	19499	-	-	-

(Contd.)

(Table 2.58 contd.)

	1	2	3	4	5	6	7
Wynad	1975-76	34155.0	37368	3928.0	9882.8	-	
	1980-81	138278.8	126401	-	59539.8	-	
	1981-82	13849.5	71134	-	51785.4	-	
	1982-83	31009.1	105577	-	13213.5	-	
	1983-84	8729.3	87909	-	3888.0	-	
	1984-85	7174.9	11188	-	404.0	-	
	1985-86	5782.9	43623	-	1839.8	-	
	1986-87	2678.5	31036	-	6308.7	-	
	1987-88	1375.0	38761	-	587.3	-	
Teak Plant- ation (Parambi- kulam)	1975-76	-	68098	-	-	-	
	1980-81	39.5	113775	-	545.0	-	
	1981-82	10.6	45029	-	1729.0	-	
	1982-83	3.8	63083	-	1483.5	-	
	1983-84	39.4	113367	-	475.5	-	
	1984-85	47.4	104944	-	599	-	
	1985-86	852.6	66585	-	501.0	-	
	1986-87	2794.7	94654	-	1368.0	-	
	1987-88	795.3	45561	-	999.0	-	
IP Division (Vazhachal)	1975-76	-	-	-	17.5	-	
	1980-81	11458.2	31004	-	11874.0	-	
	1981-82	9755.7	35694	-	387.5	-	
	1982-83	10396.9	36902	-	2245.0	-	
	1983-84	1855.3	78476	-	203.5	-	
	1984-85	-	92276	-	100.4	-	
	1985-86	371.4	276924	-	515.0	-	
	1986-87	52.4	69559	-	99.9	-	
	1987-88	1528.3	90708	-	464.3	-	
*IP Division (Kalady)	1975-76	7198.0	-	-	11.9	-	
	1980-81	4.8	-	-	-	-	
*Grass land division Pumba	1980-81	15023.3	-	-	-	-	
	1981-82	-	-	-	-	-	
	1982-83	156909.6	-	-	-	-	
Special Division (Kozhikode)	1975-76	323.0	-	-	54.0	-	
	1980-81	3339.3	21	-	5340.3	-	
	1981-82	1134.7	21	0.8	8.5	-	
	1982-83	1314.5	65	-	671.3	-	
	1983-84	156.8	87810	-	36.0	1.0	
	1984-85	35.0	73052	-	4.0	0.4	
	1985-86	304.3	92626	0.1	520.8	7.4	
	1986-87	266.3	20743	-	40.1	13.5	
	1987-88	77.7	33683	0.1	12.3	4.9	

(Contd.)

(Table 2.58 contd.)

	1	2	3	4	5	6	7
Kothamangalam	1975-76	-	-	-	-	-	-
	1980-81	4426.1	124899	-	-	4270.3	-
	1981-82	2676.7	49040	-	-	2630.1	-
	1982-83	3089.0	19990	-	-	3279.3	-
	1983-84	2022.8	134103	1.2	-	1826.3	-
	1984-85	1385.7	70585	6.0	-	157.5	-
	1985-86	1297.1	58824	3.1	-	1728.4	-
	1986-87	2898.9	68777	5.0	-	994.0	-
	1987-88	410.7	30554	6.3	-	397.0	-
Special Division (Nilambur)	1975-76	2939.0	156	-	-	38.5	0.6
	1980-81	11059.8	-	-	-	9888.2	7.9
	1981-82	856.7	95.	-	-	30.8	6.7
	1982-83	4772.8	49659	4.2	-	4109.3	3.0
	1983-84	7158.7	13058	-	-	87.9	-
	1984-85	91.4	95	0.6	-	25.8	6.8
	1985-86	89.4	9280	0.7	-	55.0	1.4
	1986-87	285.2	50485	-	-	99.8	1.2
	1987-88	240.4	16092	-	-	72.3	0.2
Mankulam	1984-85	14394.5	-	-	-	2387.1	-
	1985-86	1958.8	-	-	-	-	-
	1986-87	140.1	-	-	-	63.3	-
	1987-88	-	-	-	-	-	-
Special Division (Palghat)	1975-76	778.0	6291	-	-	3283.4	-
	1980-81	1388.6	222	-	-	3928.8	-
	1981-82	295.0	1589	-	-	4748.5	-
	1982-83	482.2	-	-	-	4693.0	0.4
	1983-84	167.3	1861	-	-	1144.7	-
	1984-85	203.2	19	2.0	-	235.8	0.6
	1985-86	96.4	263	-	-	291.0	2.6
	1986-87	617.1	27602	-	-	702.0	-
	1987-88	233.4	38402	5.6	-	362.0	2.2
Special Division Tellicherry	1975-76	10431.0	4096	-	-	4228.1	-
	1980-81	144.7	190	4.7	-	62.5	5.4
	1981-82	123.1	-	-	-	93.0	0.8
	1982-83	69.4	-	0.1	-	130.6	1.1
	1983-84	155.8	15	-	-	162.0	-
	1984-85	156.1	-	0.1	-	185.3	-
	1985-86	159.1	-	1.0	-	103.0	-
	1986-87	105.0	-	-	-	141.3	5.1
	1987-88	48.0	-	0.1	-	61.8	5.1
Wild life division (Thekkady)	1983-84	85.6	2978	0.1	-	686.0	-
	1984-85	57.2	-	1.4	-	477.0	-
	1985-86	56.4	-	-	-	377.0	-
	1986-87	-	-	-	-	-	-
	1987-88	6.2	-	-	-	715.0	-

(Contd.)

(Table 2.58 contd.)

1	2	3	4	5	6	7
*IP Division						
Perumbavoor	1975-76	9620.0	23384	-	1113.3	-
*RP division						
Kulathupuzha	1975-76	8060.0	-	56.2	164.5	-
*RP division						
Anchal	1975-76	1974.0	-	425.5	12.5	-
Wild life	1985-86	47.8	-	-	38.3	-
division	1986-87	61.3	-	-	12.8	-
Iravikulam	1987-88	4.5	-	-	-	-
Wild life	1985-86	2558.4	-	-	-	-
division	1986-87	771.6	78580	-	1304.8	-
(Sultan-	1987-88	533.4	238389	-	90.0	-
(Batheri)						

* Not existing. (Source:- Chief Conservator of Forests).

2.59 Area under forest plantations in Kerala

['000 hect.]

Name of species	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9	10
1. Teak	63.834	75.038	76.587	77.479	78.283	78.452	79.596	79.416	78.583
2. Eucalyptus	32.090	31.323	31.899	32.204	32.719	31.634	34.809	34.728	33.987
3. Soft wood	20.021	22.897	23.356	23.574	23.790	22.796	23.133	23.101	10.695
4. Cashew	2.995	0.550	6.304	5.255	5.211	4.898	4.658	4.658	4.157
5. Mixed plantations	1.094	1.169	1.222	1.576	1.699	2.812	4.532	5.955	17.832
6. Bamboo	0.930	0.977	0.984	0.984	0.984	0.845	1.056	3.010	0.280
7. Wattle	0.532	1.001	1.056	1.156	1.406	2.687	2.866	3.005	3.085
8. Tropical pine	0.404	0.429	0.449	0.449	0.449	0.389	0.449	0.449	0.449
9. Fuel wood	0.555	1.859	1.859	2.048	2.410	2.697	1.059	1.072	1.448
10. Mahagony	0.143	0.247	0.274	0.274	0.271	0.225	0.173	0.173	0.090
11. Balsa	0.068	0.121	0.118	0.118	0.118	0.118	0.177	0.117	0.081
12. Rose wood	0.031	0.145	0.159	0.161	0.172	0.172	0.159	0.159	0.183
13. Other hard wood species	1.533	2.437	2.834	2.821	2.959	2.565	1.162	1.162	0.588
14. Rubber	1.546	0.102	0.453	0.461	0.585	0.585	0.585	0.307	0.023
15. Coffee	-	0.140	0.238	0.298	0.422	0.502	0.508	0.508	0.508
16. Kongu	0.020	0.020	0.020	0.020	0.020	0.020	0.017	0.014	0.014
17. Reeds	-	-	-	-	0.056	0.149	0.176	0.166	0.194
18. Pepper, Cocoa, Medicinal plants etc. (under varialakshmi scheme)	0.192	0.652	0.830	0.830	0.852	0.786	0.228	0.160	0.144
19. Others	0.922	0.335	0.410	0.415	0.472	0.860	*2.038	13.508	3.004
Total	126.900	143.847	148.052	150.123	152.878	153.192	*157.381	171.668	155.335

96

Source: CCF

* excluding KFDC plantation

2.60 Natural parks and game sanctuaries in Kerala

Name	Revenue district	Area (in sq.km.)	Year of formation	Name	Revenue district	Area (in sq.km.)	Year of formation
1	2	3	4	1	2	3	4
1. Periyar tiger reserve	Idukki and Pathanamthitta	777.54	1950	8. Wild life sanctuary Chimmini	Trichur	10.00	1984
2. Iravikulam national park	Idukki	97.00	1975	9. " Peechi-vazhani	Trichur	125.00	1958
3. Silent valley national park	Palghat	89.52	1984	10. " Parambikulam	Palghat	274.14	1973
4. Wild life sanctuary Neyyar	Trivandrum	128.00	1958	11. " Wayanad	Wayanad	346.86	1973
5. " Peppara	Trivandrum	53.00	1983	12. " Aralam	Cannanore	55.00	1984
6. " Senthurni	Quilon	100.32	1984	13. " Idukki	Idukki	70.00	1976
7. " Chinnar	Idukki	90.44	1984	14. Bird sanctuary, Thattekad	Ernakulam	25.16	1983

2.61 Revenue receipts from forest products

[Rs.'000]

Items	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9	10
a) Forest produce									
Timber	183933	361741	429593	398796	360267	285760	346324	377530	324805
Firewood & charcoal	3813	20449	17379	16085	11912	7370	8299	9035	9604
Livestock	483	32	45	15	411	4104	95	35	125
Other items	16197	46715	57419	50973	21412	27479	36138	81230	53422
Total (a)	204426	428937	504436	465869	394002	324713	390056	467830	387956
b) Other receipts (including interest on forest revenues)	15722	29067	15572	16826	12612	13724	36162	17689	14871
Gross revenue (a+b)	220148	458004	520008	482695	406614	338437	427018	485519	402827
c) Deduct refunds	941	717	885	933	1344	298	2567	3699	884
Net total (a+b-c)	219207	457287	519123	481762	405270	338139	424451	481820	401943

Source: CCF

III. INDUSTRIES

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3.1 Working factories in Kerala

Year	2m(i)	2m(ii)	85(P)	85(NP)	Grand total
1	2	3	4	5	6
1970	1785	343	724	188	3040
1975	2158	318	3017	824	6317
1980	2476	260	5095	1275	9106
1981	2577	262	5040	1220	9099
1982	2609	257	5856	1266	9988
1983	2658	259	6241	1204	10362
1984*	2681	259	6622	1085	10647
1985*	2725	264	7043	1075	11107

2m(i) - Factories employing 10 or more workers on any day during the year and working with aid of power.

2m(ii) - Factories employing 20 or more workers on any day during the year and working without the aid of power.

85(P) - Factories employing less than 10 workers on any day during the year and working with the aid of power.

85(NP)- Factories employing less than 20 workers on any day during the year and working without the aid of power.

3.2 District-wise distribution of registered working factories

District	1980	1981	1982	1983	1984*	1985*
1	2	3	4	5	6	7
Trivandrum	361	371	383	385	430	452
Quilon**	901	883	873	914	901	920
Pathanamthitta**	-	-	-	-	94	78
Alleppey**	625	604	677	725	721	762
Kottayam	697	669	717	812	933	1012
Idukki	125	159	176	171	182	216
Ernakulam	1564	1567	1766	1767	1765	1855
Trichur	1001	1001	1210	1301	1320	1368
Palghat	942	907	973	1048	1091	1196
Malappuram	240	340	384	439	465	487
Kozhikode	1235	1175	1276	1243	1282	1317
Wayanad**	-	-	-	74	54	64
Cannanore	1415	1423	1553	1483	1409	1380
State	9106	9099	9988	10362	10647	11107

* including 10 defence factories

** provisional

3.3 Growth of working factories and average daily employment

[Employment - '000]

	1970		1975		1980		1981		1982		1983		1984*		1985*		
	No. of fact- ories	emplo- yment	No. of fact- ories	emplo- yment	No. of fact- ories	emplo- yment	No. of fact- ories	emplo- yment	No. of fact- ories	emplo- yment	No. of fact- ories	emplo- yment	No. of fact- ories	emplo- yment	No. of fact- ories	emplo- yment	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2m(i)	1785	148	2158	179	2476	202	2577	205	2609	187	2658	185	2681	193	2725	193	
2m(ii)	343	51	318	59	260	59	262	60	257	57	259	54	259	57	264	57	
85 (P)	724	4	3017	19	5095	28	5040	27	5856	31	6241	33	6622	34	7043	36	
85(NP)	188	2	824	7	1275	11	1220	11	1266	11	1204	10	1085	9	1075	8	
Total	3040	205	6317	264	9106	300	9099	303	9988	286	10362	282	10647	293	11107	294	

* including defence factories

3.4 Distribution of working factories (including defence factories) and employment district-wise and industry-wise

District	Year	Oil		Tea		Cashew		Cotton textiles		Coir		Plywood splints & veneers		Saw-mill		Printing and publishing		Rubber & Rubber products	
		A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Trivandrum	1983	13	300	5	126	9	2834	11	1717	3	50	15	253	37	220	45	1747	34	954
	1984	12	280	5	127	11	4783	12	1819	3	50	19	292	53	344	55	1929	39	1006
	1985	11	271	5	109	12	5241	14	1866	4	60	21	303	57	341	60	1941	43	1368
Quilon	1983	18	153	4	104	208	90656	9	1694	5	173	57	1479	100	497	39	279	49	645
	1984	16	131	3	94	217	90702	7	1330	7	210	55	1609	98	478	36	269	43	669
	1985	16	134	3	89	216	88563	8	2265	7	203	59	1578	98	499	41	247	42	513
Pathanamthitta	1983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1984	1	4	-	-	-	-	3	23	-	-	1	9	16	77	22	82	23	106
	1985	3	15	-	-	-	-	3	24	-	-	-	-	7	27	10	38	22	183
Aллеppey	1983	45	381	-	-	4	5230	4	448	210	2983	26	596	60	264	39	250	35	676
	1984	45	383	-	-	4	5061	3	544	200	2830	26	578	55	227	35	229	31	452
	1985	45	429	-	-	5	5023	3	573	195	2595	25	412	68	264	49	263	35	441
Kottayam	1983	9	3	10	99	-	-	4	649	3	37	29	903	88	491	80	960	262	3031
	1984	9	40	10	98	-	-	4	768	2	21	31	972	101	524	111	1147	289	3124
	1985	9	35	10	136	-	-	4	776	4	77	32	955	112	584	117	1140	313	3366
Idukky	1983	11	57	70	3474	-	-	-	-	-	-	5	86	6	25	13	74	24	247
	1984	11	41	71	4112	-	-	-	-	-	-	7	112	7	31	13	66	24	267
	1985	13	53	71	4318	-	-	-	-	-	-	8	123	7	26	16	84	33	297
Ernakulam	1983	44	344	1	65	2	354	19	1828	29	416	50	1164	268	1677	121	1948	93	1785
	1984	42	352	1	62	2	475	19	1938	28	389	50	1109	268	1644	130	1973	96	1833
	1985	42	342	1	65	2	472	19	2077	30	450	50	1055	285	1733	145	2061	104	1767

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A-No. of factories. B-Employment.

(contd.)

(Table 3.4 (contd.))

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Trichur	1983	105	574	1	51	4	2082	15	3588	7	43	43	658	174	998	75	957	80	1652	
	1984	100	574	1	51	4	2050	16	3754	3	18	41	600	181	956	78	956	83	1564	
	1985	102	578	1	49	4	1938	16	3887	2	9	37	544	182	941	90	1080	88	1631	
Palghat	1983	13	74	3	147	-	-	22	1415	-	-	96	1658	168	711	35	541	30	152	
	1984	13	70	3	132	-	-	16	1662	-	-	95	1592	173	698	38	525	33	143	
	1985	13	73	3	161	-	-	16	1623	-	-	94	1535	194	794	43	529	42	183	
Malappuram	1983	13	67	1	25	-	-	4	746	11	116	36	531	133	693	21	108	41	305	
	1984	12	65	1	17	-	-	4	808	12	112	31	451	142	726	24	130	44	319	
	1985	11	46	-	-	-	-	4	941	12	111	31	411	145	735	26	118	51	345	
Kozhikode	1983	46	346	-	-	2	625	57	2433	36	585	103	1266	155	1415	78	1163	64	416	
	1984	43	334	11	665	2	602	49	2129	32	519	101	1193	166	1438	80	1185	65	444	
	1985	41	246	1	100	1	463	53	2656	32	510	99	1105	177	1436	80	1217	66	430	
Wynad	1983	1	8	17	696	-	-	-	-	-	-	-	-	6	31	8	30	6	11	
	1984	1	8	5	32	-	-	-	-	-	-	-	-	9	50	8	31	3	7	
	1985	2	17	19	851	-	-	-	-	-	-	-	-	8	57	8	31	1	3	
Cannanore	1983	34	179	1	30	3	993	588	11032	14	184	56	2181	134	1187	65	397	71	366	
	1984	32	140	3	140	3	1054	492	10124	16	173	55	2130	130	1116	65	357	76	383	
	1985	27	121	-	-	3	1044	449	9095	17	189	54	2059	142	1178	64	352	86	403	

(contd.)

(Table 3.4 contd.)

District	Year	Chemical				General				Others				Total			
		Chemical products		Matches		Soap		Tiles		engine- ering		Auto- mobiles					
		A	B	A	B	A	B	A	B	A	B	A	B	A	B		
1	2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Trivandrum	1983	15	1011	11	124	1	5	2	103	65	2144	31	1587	88	1729	385	14904
	1984	15	1016	10	95	1	5	2	105	71	2372	32	1763	90	2084	430	18070
	1985	15	1112	10	87	1	5	2	104	74	2457	34	3135	88	2170	451	20570
Quilon	1983	13	284	18	272	3	39	49	1815	113	2478	29	1286	200	3597	914	105451
	1984	12	314	19	358	3	39	48	1775	109	2215	22	1212	206	3626	901	105031
	1985	14	307	19	281	3	39	51	1833	104	2054	23	1250	216	3934	920	103789
Pathanam- thitta	1983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1984	-	-	-	-	-	-	1	9	13	70	8	49	6	19	94	448
	1985	1	3	1	7	-	-	1	9	14	80	8	45	8	229	78	660
Alleppey	1983	29	747	16	148	3	25	4	187	69	1211	27	1006	154	2880	725	17032
	1984	36	582	13	102	3	24	4	171	73	1350	31	981	162	2882	721	16396
	1985	35	611	13	102	3	24	4	153	79	1696	36	948	167	2755	762	16289
Kottayam	1983	19	684	4	49	2	18	17	181	82	632	49	521	154	1511	812	9805
	1984	19	601	8	87	3	24	21	199	89	663	66	653	170	3171	933	12092
	1985	26	652	13	132	3	24	20	198	98	699	75	723	176	3934	1012	13431
Idukky	1983	1	12	-	-	-	-	-	-	17	184	13	87	11	278	171	4524
	1984	1	12	2	32	-	-	-	-	18	197	16	112	12	254	182	5236
	1985	1	12	2	29	-	-	-	-	29	244	17	116	19	413	216	5715
Ernakulam	1983	61	7459	11	213	11	1212	36	624	425	11402	111	1537	485	13193	1767	45221
	1984	60	7724	11	200	11	1231	37	641	422	11206	110	1590	478	14507	1765	46874
	1985	61	7784	10	176	11	1186	37	788	434	11044	117	1657	498	11565	1846	44222

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(contd.)

(Table 3.4 contd.)

	1	2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Trichor	1983	22	413	35	325	4	74	149	3979	203	1812	71	757	313	4950	1301	22913	
	1984	23	483	31	279	4	81	150	3970	216	1946	78	739	311	5289	1320	23310	
	1985	25	586	28	246	4	73	154	4005	225	2072	82	723	328	5442	1368	23804	
Palghat	1983	22	393	17	243	-	-	14	533	173	2824	49	318	406	3142	1048	12151	
	1984	22	451	23	275	-	-	13	531	189	3089	53	327	420	3560	1091	13055	
	1985	32	542	27	332	-	-	14	508	210	3105	56	324	452	3911	1196	13620	
Malappuram	1983	6	742	4	33	4	43	8	418	44	406	30	595	83	625	439	5453	
	1984	7	807	8	83	4	37	8	469	48	451	32	558	88	679	465	5712	
	1985	9	865	9	108	4	22	9	492	47	417	33	458	96	732	487	5801	
Kozhikode	1983	29	479	23	262	12	703	33	3133	169	1751	118	1380	318	4725	1243	20682	
	1984	32	508	26	219	12	674	33	3278	177	1961	121	1492	332	5819	1282	22460	
	1985	31	498	23	193	12	746	33	3291	187	1985	127	1506	354	5765	1317	22147	
Wynad	1983	2	47	-	-	-	-	-	-	6	32	13	193	15	325	74	1373	
	1984	1	40	-	-	-	-	-	-	6	27	9	44	12	50	54	289	
	1985	2	52	-	-	-	-	-	-	6	20	8	37	10	258	64	1326	
Cannanore	1983	19	121	7	75	3	84	10	713	130	1286	106	675	242	2641	1483	22164	
	1984	19	118	8	84	3	72	10	746	144	1260	105	670	248	2564	1409	21131	
	1985	20	218	8	95	3	80	10	788	143	1423	105	668	249	2701	1380	20414	

A- No. of factories. B-Employment.

3.5 Year-wise productive capital by manufacture of industries

Sl. No.	Name of industry	Productive capital				Value of output				Value added			
		1981-82	1982-83	1983-84	1984-85	1981-82	1982-83	1983-84	1984-85	1981-82	1982-83	1983-84	1984-85
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Manufacture of fertilizers	12538.54	12683.71	12528.06	11799.10	20188.23	22364.35	24784.68	30847.68	4492.58	6970.78	8785.88	7501.04
2.	Cotton textiles	5520.66	50995.29	5389.77	5977.03	9383.51	9909.69	11395.74	12884.55	2273.94	2130.86	3539.08	3316.06
3.	Tyre & tubes	2436.50	3666.12	3726.39	1803.01	4544.82	9171.61	7225.87	6461.57	277.28	3046.82	1469.89	728.31
4.	Tea manufacturing	1528.85	1454.42	1777.83	1992.34	7477.61	8638.74	11783.82	17084.37	1092.25	2161.72	3860.88	5683.35
5.	Heavy chemicals (Organic & inorganic)	5505.37	5019.67	5636.89	4834.50	7809.84	7104.98	9587.58	8040.58	2651.73	2553.74	5133.91	2434.48
6.	Cashewnut processing	2429.46	1493.66	1958.00	2190.13	10891.78	6102.10	10714.75	12568.68	1846.34	1320.61	4338.94	1631.67
7.	Tiles & manufacturing	1111.53	1125.97	1305.24	1261.85	2495.66	2450.02	2670.00	2688.63	1310.37	1268.66	1393.03	1431.31
8.	Soap & glycerin	1563.64	1511.36	1555.53	1640.25	6457.03	6441.01	6371.50	6739.98	837.71	1458.33	979.80	1093.56
9.	Coir manufacturing	1066.63	460.45	1800.09	661.76	2634.03	1862.04	3149.47	2601.59	375.25	359.62	212.19	201.10
10.	Plywood manufacturing	863.54	1105.30	1017.89	1760.31	1953.30	1883.14	2052.01	2381.61	634.30	550.00	912.35	508.40
11.	Iron & steel metal	816.33	773.60	586.14	1247.83	1831.42	2207.49	1379.82	2650.34	228.64	292.18	264.32	168.04
12.	Printing & binding	2022.66	2187.09	2193.42	2381.88	3850.42	4643.33	5329.55	4698.47	984.95	1195.65	1539.69	548.02
13.	Other industries	91743.19	64451.84	132631.81	152778.02	166029.08	165646.57	137834.82	132070.30	27548.64	24808.19	19667.64	31625.23
	All Industries	129146.90	146928.48	172107.06	190328.01	245546.73	248425.07	234279.22	241718.35	44553.98	48117.16	52097.60	56870.57

(Source:- Annual Survey of Industries).

3.6 Government of India companies in Kerala - main features

		(Rs. in lakhs)								
Sl. No.	Name of Company	Sales			Paid up capital			Value of production		
		1984-85	1985-86	1986-87	1984-85	1985-86	1986-87	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9	10	11
1	Cochin Refineries Ltd., Cochin	700.00	700.00	700.00	16604.00	54433.18	81053.26	15903.25	54860.14	81602.12
2	Cochin Shipyard Ltd., Cochin	6296.00	6321.00	NA	3333.74	3075.28	NA	479.96	3026.61	NA
3.	Fertilizers & Chemicals Travancore, Ltd., Alwaye.	15527.20	18777.20	-	36321.67	16694.87	NA	20418.88	18891.94	NA
4.	Hindustan Latex Ltd., Trivandrum.	405.00	807.50	1248.00	693.78	807.78	727.45	675.15	811.16	1129.28
5.	Hindustan News Print Ltd., Mavelloor, Kottayam.	8057.99	8157.99	8157.99	5159.00	6527.00	6143.00	5102.00	6573.76	6063.00
6.	Indian Rare Earths Ltd.,									
	a) Rare Earths Division	5549.50	-	-	637.87	742.73	756.10	705.74	894.44	977.04
	b) Minerals Division, Chavara	-	-	-	883.28	946.89	1177.68	847.40	899.56	1243.73
7.	Indian Telephone Industries Ltd. Palghat	7900.00	Separate figures not available		304.50	738.48	NA	270.55	400.68	NA
8.	Hindustan Insecticides Ltd., Alwaye.	NA		"	1229.06	1232.79	1297.20	759.90	472.72	583.53
9.	Instrumentation Ltd., Palghat	NA		"	1181.54	1102.89	1131.05	1433.19	1402.73	1633.79
10.	Modern Food Industries (India) Ltd., Cochin.	NA		"	402.24	400.98	451.60	407.53	400.98	451.60
11.	H.M.T. Ltd., Kalamassery, Alwaye.	NA		"	NA	NA	2782.31	NA	NA	3607.00
12.	Balmar Lawrie and Co. Ltd., Aroor.	NA		"	NA	NA	823.52	NA	NA	843.78

(contd.)

(Table 3.6 contd.)

Sl. No.	Name of company	Persons employed(Nos)			Net Profit(+)		Loss (-)
		1984-85	1985-86	1986-87	1984-85	1985-86	1986-87
1	2	12	13	14	15	16	17
1.	Cochin Refineries Ltd., Cochin	828.	925	980	-101.51	+37.82	+709.02
2.	Cochin Shipyard Ltd., Cochin	2525	2540	NA	-1324.79	-863.67	NA
3.	Fertilizers & Chemicals Travancore, Ltd., Alwaye	7883	2817	NA	+1927.72	+1123.45	-
4.	Hindustan Latex Ltd., Tvm.	828	818	913	+3.56	+94.23	+53.40
5.	Hindustan News Print Ltd., Mavelloor, Kottayam	1073	1725	1721	+867.00	-99.96	-492.85
6.	Indian Rare Earths Ltd., (a) Rare Earths division	541	554	593			
	(b) Minerals division, Chavara	939	1020	1076	@+491.60	@+638.40	@+697.90
7.	Indian Telephones Industries Ltd., Palghat	273	367	NA	+21.44	+59.35	NA
8.	Hindustan Insecticides Ltd., Alwaye.	877	880	872	-79.03	-118.11	-1.34
9.	Instrumentation Ltd., Palghat	351	394	436	**275.04	+103.05	**100.82
10.	Modern Food Industries (India) Ltd., Cochin.	173	172	206	**72.01	**67.93	**53.00
11.	H.M.T. Ltd., Kalamassery, Alwaye	NA	NA	3073	NA	NA	+18.00
12.	Balmar lawrie and Co. Ltd., Aronr.	NA	NA	287	NA	NA	+121.82

* Profit before taxation. ** Operating profit. NA Not available. (Source:- Economic Review, S.P.8).

@ Relates to 6(a) & (b) together.

3.7 District-wise number of registered and small scale industrial units as on 31.3.1985.

District	Number of small scale units registered during						Total units as on 31.3.88
	1980-81	1983-84	1984-85	1985-86	1986-87	1987-88	
1	2	3	4	5	6	7	8
Trivandrum	252	250	188	356	457	735	4514
Quilon	293	300	353	349	517	742	4828
Pathanamthitta	-	29	60	110	160	303	662
Alleppey	333	255	226	251	452	647	4287
Kottayam	201	390	457	350	371	594	4266
Idukki	66	71	72	132	138	240	1095
Ernakulam	505	427	431	475	495	771	6298
Trichur	372	358	373	524	450	637	5171
Palghat	282	203	216	214	400	576	3133
Malappuram	250	203	262	305	303	352	2743
Kozhikode	208	266	249	375	392	455	3978
Wynad	-	77	56	152	130	98	560
Cannanore	268	404	399	181	567	516	5196
Kasaragode	-	-	40	92	145	183	460
Total	3030	3233	3382	3866	4977	6849	47191

3.8 Number of handloom weavers co-operative societies in Kerala (30.6.1988)

Sl. No.	Districts	Working societies			Dorment societies			Under liquidation			T o t a l		
		Cottage type	Facotory type	Total	Cottage type	Factory type	Total	Cottage type	Factory type	Total	Cottage type	Factory type	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Trivandrum	173	20	193	18	-	18	24	-	24	215	20	235
2.	Quilon	29	10	39	1	-	1	28	-	28	58	10	68
3.	Pathanamthitta	1	2	3	4	-	4	-	-	-	5	2	7
4.	Alleppey	9	2	11	5	1	6	2	-	2	16	3	19
5.	Kottayam	9	2	11	2	-	2	1	-	1	12	2	14
6.	Idukki	3	1	4	-	-	-	-	-	-	3	1	4
7.	Ernakulam	16	2	18	5	-	5	3	-	3	24	2	26
8.	Trichur	20	1	21	-	-	-	3	-	3	23	1	24
9.	Paigbat	30	2	32	-	-	-	4	-	4	34	2	36
10.	Malappuram	6	3	9	1	-	1	2	-	2	9	3	12
11.	Calicut	26	8	34	1	-	1	3	1	4	30	9	39
12.	Wynad	-	2	2	-	-	-	-	-	-	-	2	2
13.	Cannanore	33	37	70	2	1	3	10	1	11	45	39	84
14.	Kasaragode	6	3	9	-	-	-	2	-	2	8	3	11
15.	Total	361	95	456	39	2	41	82	2	84	482	99	581

(Source:- Handloom Directorate)

3.9 Number, production and sales in the co-operative sector of handloom industry

Year	No. of primary handloom weavers Co-operative Societies	Production of handloom cloth in co-operative sector		Sales of handloom cloth in co-operative sector	
		Qty. in lakh metre	value in lakh Rs.	Qty. in Lakh metre	Value in lakh Rs
		3	4	5	6
1980-81	552	305	1525	304	1557
1981-82	555	324	1635	334	1654
1982-83	564	342	1881	333	2342
1983-84	578	373	2242	383	2240
1984-85	578	400	2400	400	2242
1985-86	580	400	2500	405	2550
1986-87	580	500	3100	504	3200
1987-88	581	532	3340	530	3400

3.10 District-wise production of handloom cloth 1987-88

S1. No.	District	Quantity in lakh metre	Value in lakh Rs
1	2	3	4
1.	Trivandrum	127.20	885.20
2.	Quilon	63.05	311.35
3.	Pathanamthitta	0.65	2.55
4.	Alleppey	4.30	10.64
5.	Kottayam	8.20	43.76
6.	Idukki	0.25	1.15
7.	Ernakulam	31.40	196.20
8.	Trichur	19.70	91.05
9.	Palghat	76.15	291.35
10.	Malappuram	8.20	40.25
11.	Calicut	53.25	250.25
12.	Wynad	-	-
13.	Cannanore	129.20	1105.10
14.	Kasaragode	10.70	110.70
	Total	532.25	3339.55

3.11 Workers in handloom industry category-wise 1987-88

District	Winders	Warpers	Weavers	Others	Total
1	2	3	4	5	6
1. Trivandrum	11329	534	22500	88	34451
2. Quilon	4338	355	4700	84	9477
3. Pathanamthitta	158	37	300	15	510
4. Alleppey	1244	373	1025	82	2724
5. Kottayam	816	110	1000	60	1986
6. Idukki	188	18	400	2	608
7. Ernakulam	1420	305	4080	66	5871
8. Trichur	686	282	3000	40	4008
9. Palghat	2408	382	5050	88	7928
10. Malappuram	828	68	1563	50	2509
11. Kozhikode	3800	400	14500	96	18796
12. Wynad	-	-	-	-	-
13. Cannanore	14662	574	37000	218	52454
14. Kasaragode	1346	168	700	37	2251
Total	43223	3606	95818	926	143573

Source:- Survey of handloom primary weavers and factory type industrial weavers co-operative societies.

3.12 Working coir societies (in production) by type as on 30.6.1988
(Co-operative year)

Type of Society	Chira yinkil	million	Member- Kulam	Area acres	Value Lakhs	Number of Societies	Area acres	Value Lakhs	Number of Societies	Total
1	2	3	4	5	6	7	8	9	10	11
1. Primary Societies	54	72	67	27	24	22	15	30	21	415
2. T.V.Cs	-	-	-	-	2	-	-	-	-	2
3. Mats & Mattings	-	-	-	15	2	1	-	-	-	17
4. Small scale producers	-	-	-	-	1	-	-	-	-	1
5. Apex societies (Coir marketing Federation)	-	-	-	-	1	-	-	-	-	1
Total	54	72	67	69	27	33	15	30	21	442

(Source:- Directorate of coir development, Trivandrum)

3.13 Activities of coir co-operative societies
(a) Primary coir co-operative societies

Year	Number of Societies	Members (000)	Area cultivated		Value produced	
			Area (Lakhs)	Value (Lakhs)	Area (Lakhs)	Value (Lakhs)
1	2	3	4	5	6	7
1979-80	409	196	1570	148	15097	651
1980-81	415	198	1508	147	14471	522
1981-82	462	215	1500	148	14886	701
1982-83	464	212	1577	125	14521	750
1983-84	464	212	1520	125	14521	495
1984-85	544	251	1560	202	14200	604
1985-86	548	NA	1560	NA	14200	NA
1986-87	**429	222	1201	NA	14200	770
1987-88	**416	232	1280	242	9510	(lakhs) 691

**Only societies which were in production during the year included).

3.13(b) Manufacturing societies

Year	No. of societies	Members	Value of production (Rs. in lakhs)	Workers (Benefited)	Value of export (Rs. in lakhs)
1	2	3	4	5	6
1979-80	13	1869	199	1567	81
1980-81	13	1849	189	1401	39
1981-82	18	2344	140	1235	15
1982-83	23	3280	160	1310	31
1983-84	29	4512	251	1278	36
1984-85	47	5245	217	1515	144
1985-86	23	3111	229	174	NA
1986-87	*23	3522	327	2248	NA
1987-88	*23	3411	455	2897	NA

*Only working products societies including small scale producers societies are taken into consideration.

3.14 Coir co-operative societies in Kerala

Type of societies	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7
1.(a) Primary societies (working)	464	465	554	519	429	416
(b) New societies which has not stated produce	-	-	-	-	92	92
2.(a) Manufacturing societies (working)	19	24	47	47	17	17
(b) " (new)	-	-	-	-	24	24
3.(a) Small scale producers societies (working)	4	5	6	6	6	6
(b) " (New)	-	-	-	-	-	1
4. Husks procurement societies	3	3	3	3	2	2
5. Marketing federation	1	1	1	1	1	1
Total	491	498	601	576	571	559
6. Dorment societies	22	21	55	65	59	66
7. Societies under liquidation	207	196	198	137	186	190
Grand total	720	715	854	828	816	815

(Source:- Directorate of coir development, Trivandrum).

**3.15 Khadi and village industries - production, sales and employment
and wages during 1980 to 1987**

Industry	Production (value Rs in lakhs)					Sales (value Rs. in lakhs)				
	1980-81	1983-84	1984-85	1985-86	1986-87	1980-81	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9	10	11
A Khadi	100.30	183.41	190.09	247.38	235.81	109.80	284.23	313.07	324.34	291.15
B. Village industries										
1. Village oil	174.97	460.26	688.50	1016.63	1334.56	186.86	474.35	705.21	1067.64	1421.58
2. Village pottery	120.51	237.67	312.88	401.50	435.74	133.97	259.82	325.98	426.00	493.97
3. Fibre & screwpine	428.60	417.15	428.77	442.67	461.33	472.94	446.41	453.03	472.17	489.48
4. Blacksmithy & Carp- entary	84.75	158.88	196.33	276.43	384.71	77.48	149.41	201.35	275.37	384.23
5. Handmade p industry	3.32	11.92	16.72	23.07	24.05	3.51	9.81	15.75	18.19	20.61
6. Gur Kandassari	124.53	95.10	121.04	115.00	91.57	131.97	97.31	134.45	127.40	105.83
7. Palmgur	63.86	65.50	69.16	76.85	86.00	70.38	67.60	75.88	83.26	89.00
8. Bee keeping	187.43	153.03	385.45	514.37	518.85	187.43	104.96	212.65	407.35	481.83
9. Village leather	87.53	171.17	201.57	242.50	258.20	92.78	184.04	226.65	265.60	286.70
10. Lime manufacturing	82.49	150.38	181.03	211.01	211.28	87.28	179.55	193.09	234.51	231.62
11. Non-edible oil & soap	17.27	31.85	46.84	63.50	78.35	16.44	34.86	50.76	67.00	83.67
12. Cottage match	95.87	196.34	85.37	206.00	210.28	98.30	200.40	88.30	224.80	212.37
13. Cane & Bamboo	30.09	45.45	50.34	58.58	63.41	31.94	46.21	53.76	65.34	67.08
14. Collection of forest plant (Medicinal)	1.56	2.75	5.29	7.93	6.33	0.88	1.98	5.95	8.46	7.46
15. Processing of Cereals and Pulses	87.92	168.83	268.22	347.37	204.57	102.34	202.59	314.34	390.75	235.47
16. Fruits processing and preservation	3.81	19.61	58.31	105.63	120.83	3.70	21.77	59.33	107.55	147.55
17. Poly vashtra	-	6.29	4.06	0.84	1.68	-	13.82	6.03	2.25	2.97
18. Aluminium	-	-	-	25.69	53.61	-	-	-	26.88	49.71
19. Agarbathi	-	-	-	11.63	13.80	-	-	-	11.69	14.40
Total	1694.81	2575.54	3309.47	4394.58	4794.96	1808.00	2779.12	3435.58	4606.55	5116.68

(Table 3.15 contd.)

Industry	Employment (Nos)					Employment (Nos)				
	Full time					Part-time				
	1980-81	1983-84	1984-85	1985-86	1986-87	1980-81	1983-84	1984-85	1985-86	1986-87
1	12	13	14	15	16	17	18	19	20	21
A. Khadi	11576	16737	18118	17525	14941	-	-	-	-	-
B. Village industries										
1. Village oil	501	596	945	1333	1301	1214	2036	1547	1813	1896
2. Village pottery	5791	8371	10256	11449	13334	209	712	297	2079	2992
3. Fibre & Screw-pine	52398	53087	54094	55226	55737	986	1302	1368	1630	2082
4. Blacksmithy and Carpentry	797	2025	2413	2856	3142	57	968	194	-	406
5. Handmade paper industry	210	152	253	322	309	-	67	-	-	-
6. Gur kandasari	1118	1067	1165	1105	890	660	537	1538	505	425
7. Palmgur	270	412	418	540	618	14210	21820	21950	22650	21950
8. Bee-keeping	2750	-	3760	3919	4255	11611	12929	14350	14573	15150
9. Village leather	847	863	981	1048	1107	534	510	682	705	735
10. Lime manufacturing	1884	2507	2552	2386	2173	1085	747	736	971	795
11. Non-edible Oil and soap	57	117	106	104	174	572	81	190	158	172
12. Cottage match	1434	2072	960	1647	1744	2929	4200	1838	4261	3210
13. Cane & Bamboo	1897	2902	3002	3435	2767	1680	2519	2555	2650	1916
14. Collection of forest plant (Medicinal plant)	5	30	23	25	67	344	15	463	195	155
15. Processing of Cereals & Pulses	2267	2647	3246	3453	3092	138	1846	2159	2564	2584
16. Furit Processing & Preservation	20	94	188	234	620	12	112	191	380	433
17. Poly Vasthra industry	-	234	63	NA	16	-	-	-	NA	-
18. Aluminium	-	-	-	90	127	-	-	-	5	150
19. Agarbathi	-	-	-	76	104	-	-	-	53	74
Total	83822	93973	102543	106773	106518	36241	50401	49688	55192	54425

(Table 3.15 contd.)

Industry	Casual					Total wages (Rs. in lakhs)				
	1980-81	1983-84	1984-85	1985-86	1986-87	1980-81	1983-84	1984-85	1985-86	1986-87
1	22	23	24	25	26	27	28	29	30	31
A. Khadi	-	-	-	-	-	73.42	123.79	135.19	261.00	155.72
B. Village industries										
1. Village oil	1715	-	-	-	-	13.46	68.29	51.81	57.20	76.32
2. Village pottery	-	-	-	-	-	88.41	166.56	206.49	216.50	238.87
3. Fibre & Screwpine	-	-	-	-	-	296.16	298.08	301.89	322.62	340.68
4. Blacksmithy and Carpentary	-	-	-	-	-	26.71	81.56	163.10	113.38	240.42
5. Handmade paper industry-	-	-	-	-	-	1.48	3.38	5.61	5.99	5.90
6. Gur kandasari	419	-	-	-	-	19.62	15.17	16.32	15.38	29.03
7. Palmgur	750	-	-	-	-	42.80	45.95	23.49	46.11	14.23
8. Bee-keeping	-	-	-	-	-	187.43	104.96	21.25	NA	NA
9. Village leather	-	-	-	-	-	30.34	46.91	54.70	58.60	67.66
10. Lime manufacturing	-	-	-	-	-	38.77	57.63	90.64	93.00	84.73
11. Non-edible oil and soap	376	-	-	-	-	1.61	2.62	3.67	31.00	10.31
12. Cottage match	-	-	-	-	-	20.65	41.89	19.93	70.50	42.69
13. Cane & Bamboo	-	-	-	-	-	17.51	23.28	27.65	37.57	36.27
14. Collection of forest plant (medicinal plant)	-	-	-	-	-	0.25	0.19	0.53	0.69	0.97
15. Processing of Cereals and Pulses	-	-	-	-	-	23.80	42.29	71.90	88.64	105.97
16. Fruit Processing & Preservation	5	63	158	158	155	0.47	3.24	5.07	8.48	10.14
17. Poly Vasthra Industry	-	-	-	-	-	-	1.79	0.89	NA	0.36
18. Aluminium	-	-	-	-	-	-	-	-	7.84	7.72
19. Agarbathi	-	-	-	-	-	-	-	-	1.75	1.87
Total	3265	63	158	158	155	882.89	1127.58	1200.13	1436.25	1469.86

(Source:- Khadi Board).

3.15(a) Khadi and village industries - production, sales, employment and earnings (khadi commission)
(Directly assisted institutions)

Industries	(Rs. in lakhs)											
	1980-81				1981-82				1982-83			
	Production	Sales	Employment	Earnings	Production	Sales	Employment	Earnings	Production	Sales	Employment	Earnings
1	2	3	4	5	6	7	8	9	10	11	12	13
Khadi												
1. Khadi cotton muslin	98.08	137.20	8120	57.60	109.96	142.90	8654	65.40	131.51	168.89	8813	79.74
Village industries												
1. Processing of Cereals & Pulses	24.68	22.19	146	4.62	23.14	24.94	152	4.93	29.63	31.27	149	6.04
2. Ghani Oil	32.46	33.97	360	7.94	35.77	39.47	411	8.97	43.27	47.42	497	9.92
3. Village leather	27.76	28.43	244	6.93	30.42	32.27	236	7.48	33.94	35.93	298	8.87
4. Cottage match	0.42	0.61	40	0.26	0.59	0.74	72	0.32	5.19	6.24	286	1.98
5. Soap	19.86	20.14	123	5.42	23.46	26.97	142	7.47	34.43	35.87	147	8.43
6. Hand made paper	0.60	0.64	7	0.17	0.76	0.74	9	0.21	0.57	0.42	8	0.14
7. Bee-keeping	142.40	170.74	11000	170.74	167.40	210.15	10192	210.15	214.50	286.45	11125	286.45
8. Pottery	42.00	43.00	450	9.40	54.26	58.92	478	11.49	69.72	71.43	540	13.27
9. Carpentry & Blacksmithy	7.40	8.96	27	1.48	11.20	12.37	44	4.94	18.26	21.43	41	6.42
10. Lime manufacturing	0.44	0.52	18	0.19	0.54	0.58	21	0.21	0.78	0.84	26	0.27
11. Cane & Bamboo	0.15	0.14	12	0.04	0.17	0.19	11	0.06	0.23	0.27	15	0.07
12. Fibre	0.74	0.83	24	0.13	0.85	0.92	27	0.16	1.14	1.26	42	0.23
13. Fruit & Vegetable preservation	0.15	0.17	7	0.04	0.21	0.24	8	0.05	0.32	0.34	7	0.08

(Source:- Khadi and village commission, govt. of India).

(contd.)

Kerala

(Table 3.15(a) contd.)

(Rs. in lakhs)

Industries	1983-84				1984-85				1985-86			
	Prod- uction	Sale	Empl- oyments	Earn ings	Prod- uction	Sale	Empl- oyment	Earn- ings	Prod- uction	Sale	Empl- oyment	Earn- ings
	14	15	16	17	18	19	20	21	22	23	24	25
Khadi												
Cotton muslin	162.50	210.15	9126	94.00	184.62	242.40	9642	98.20	193.48	272.47	9637	99.46
Village Industries												
1. Processing of Cereals & Pulses	34.26	37.32	168	6.98	39.42	43.27	196	8.42	47.43	49.57	202	8.94
2. Ghandi Oil	54.49	58.62	543	10.42	59.66	64.37	560	11.43	62.33	64.57	562	11.87
3. Village Leather	37.56	38.43	302	9.42	38.54	40.32	305	9.84	41.47	42.43	312	10.20
4. Cottage match	4.86	5.42	268	1.95	5.37	6.39	272	2.10	7.43	8.39	281	2.14
5. Soap	35.42	39.86	152	8.72	37.57	41.43	159	8.97	43.40	44.57	162	9.42
6. Hand made paper	0.27	0.19	9	0.12	0.29	0.31	8	0.13	0.41	0.44	9	0.16
7. Bee-keeping	219.40	294.42	11120	294.42	224.00	305.00	11145	305.00	247.00	310.00	11200	310.00
8. Pottery	71.42	78.43	549	14.20	74.30	79.93	570	15.32	84.00	87.42	584	15.97
9. Carpentry & Blacksmithy	21.44	23.35	42	7.42	25.42	28.47	45	7.77	28.47	31.40	57	8.49
10. Lime	0.87	0.92	38	0.32	1.42	1.57	42	0.48	1.57	1.63	47	0.53
11. Cane & Bamboo	0.33	0.41	17	0.09	0.52	0.59	18	0.11	0.62	0.68	21	0.13
12. Fibre	1.42	1.44	42	0.28	1.52	1.54	44	0.32	1.52	1.57	48	0.43
13. Fruit preservation	0.43	0.47	8	0.09	0.49	0.57	11	0.12	0.57	0.62	12	0.14

(contd.)

(Table 3.15(a) contd.)

Industries	1986-87				1987-88			
	Prod- uction	Sale	Emplo- yment	Earn- ings	Prod- uction	Sale	Emplo- yment	Earn- ings
	26	27	28	29	30	31	32	33
Khadi								
Cotton Muslin	202.07	310.15	9762	104.36	229.40	349.60	9972	110.14
Village Industries								
1. Processing of Cereals & Pulses	52.53	54.35	226	9.47	54.72	58.42	238	10.42
2. Ghani Oil	59.43	61.32	548	11.23	62.47	68.39	562	12.46
3. Village Leather	43.47	45.70	319	10.97	63.72	64.40	342	11.24
4. Cottage match	8.43	8.99	291	2.54	8.02	8.16	260	2.34
5. Soap	48.49	51.42	166	9.77	49.02	52.13	172	10.11
6. Hand made paper	0.47	0.53	8	0.19	0.52	0.54	9	0.19
7. Bee-keeping	297.00	342.00	11248	342.00	290.00	310.10	11200	310.00
8. Pottery	89.42	92.32	620	19.27	94.15	106.11	633	19.96
9. Carpentry & Blacksmithy	34.42	39.41	68	9.23	36.92	38.47	73	9.86
10. Lime	1.72	1.89	52	0.67	1.84	1.96	59	0.73
11. Cane & Bamboo	0.72	0.80	24	0.14	0.80	0.92	27	0.16
12. Fibre	1.63	1.72	47	0.49	1.83	1.89	49	0.62
13. Fruits preservation	0.63	0.67	13	0.16	0.77	0.83	14	0.19

(Source:- Khadi & Village Commission, Govt. of India).

3.16 District-wise details of loans sanctioned and disbursed by kerala financial corporation

(Rs. in lakhs)

Year		as on 31.3.82		as on 31.3.83		as on 31.3.84		as on 31.3.85		As on 31.3.86		as on 31.3.87	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1		2	3	4	5	6	7	8	9	10	11	12	13
Trivandrum	Sanctioned	595	1084.90	633	1270.12	662	1326.07	702	1590.34	768	1887.47	872	2348.26
	Disbursement	543	933.71	580	1019.40	614	1130.85	665	1261.84	725	1529.12	812	1866.23
Quilon	Sanctioned	649	905.08	675	927.92	690	958.23	686	953.37	737	1094.88	812	1299.88
	Disbursement	579	663.51	608	711.28	629	750.08	670	835.53	723	977.67	792	1120.95
Pathanamthitta	Sanctioned	-	-	-	-	-	-	-	-	45	179.20	99	352.30
	Disbursement	-	-	-	-	-	-	-	-	41	93.76	84	215.65
Alleppey	Sanctioned	374	894.42	376	972.22	389	1042.49	372	983.50	401	1033.32	467	1346.40
	Disbursement	303	604.18	323	671.24	330	743.73	347	792.58	383	886.53	443	1125.95
Kottayam	Sanctioned	349	750.88	519	868.71	563	964.01	585	1033.46	650	1173.01	745	1541.16
	Disbursement	308	565.89	477	665.54	513	751.56	568	886.75	638	1051.62	717	1234.79
Idukki	Sanctioned	57	88.66	62	101.95	66	134.33	77	178.22	127	480.90	189	871.79
	Disbursement	52	73.85	58	116.66	62	126.86	72	160.17	100	212.49	153	499.43
Ernakulam	Sanctioned	1080	1967.18	1109	2083.89	1132	2236.26	1098	2048.79	1201	2533.64	1384	3405.92
	Disbursement	861	1378.02	907	1489.40	972	1599.17	1066	1735.26	1162	2012.84	1298	2451.08
Trichur	Sanctioned	401	915.34	415	1090.94	456	1223.35	459	1225.51	559	1619.65	675	1966.61
	Disbursement	327	535.77	358	631.88	385	701.89	430	883.18	514	1176.20	608	1581.18
Palghat	Sanctioned	167	297.42	198	372.79	210	470.79	256	575.61	316	788.82	389	1037.51
	Disbursement	141	206.38	172	269.98	186	294.90	232	373.20	290	518.75	355	725.76
Malappuram	Sanctioned	210	360.56	214	451.75	209	453.18	225	509.62	253	697.64	291	857.64
	Disbursement	184	273.65	194	286.42	198	315.12	217	402.53	236	463.86	259	572.24
Kozhikode	Sanctioned	474	590.78	479	601.58	483	617.39	538	810.14	606	1019.20	692	1229.18
	Disbursement	427	478.98	439	494.97	454	521.40	527	661.98	583	818.11	647	934.46
Wynad	Sanctioned	3	3.79	5	6.83	6	11.86	33	48.30	87	217.59	142	354.53
	Disbursement	2	0.44	5	5.98	6	8.25	21	18.87	57	69.43	129	206.86
Cannanore	Sanctioned	331	558.59	388	686.88	457	818.73	539	905.56	618	1163.71	714	1524.67
	Disbursement	303	387.40	376	494.06	426	569.79	505	701.81	578	854.01	663	1019.44
Kasaragode	Sanctioned	-	-	-	-	-	-	-	-	-	-	51	185.82
	Disbursement	-	-	-	-	-	-	-	-	-	-	24	62.48
Union Territory	Sanctioned	5	3.53	6	5.03	6	5.03	6	5.03	6	5.03	6	5.03
	Disbursement	5	4.54	6	4.77	6	5.03	6	5.03	6	5.03	6	5.03
State	Sanctioned	4695	8421.13	5079	9440.61	5329	10261.72	5576	10867.45	6374	13894.06	7528	18326.70
	Disbursement	4035	6106.32	4503	6861.58	4781	7518.63	5326	8718.73	6046	10669.41	6990	13621.63

(Source:- Kerala Financial Corporation annual reports).

**3.17 Industry-wise classification of loans and advances
as on 31.3.1986**

Type of industry	(Rs. in lakhs)					
	Small scale		Others		Total	
	No.	Amount	No.	Amount	No.	Amount
1	2	3	4	5	6	7
Stone Quarrying	32	56.26	-	-	32	56.26
Food manufacturing	657	889.23	24	95.91	681	985.14
Beverage Units	16	29.95	1	30.00	17	59.95
Tobacco manufacturing	2	0.42	-	-	2	0.42
Textiles	695	354.12	37	387.95	732	742.07
Footwear & other wearing apparels	69	43.66	1	16.00	70	59.66
Wood, cork except furniture	117	163.97	6	61.94	123	225.91
Furniture & fixture	377	334.29	1	0.85	378	335.14
Paper products	88	232.19	1	29.50	99	261.69
Printing, publishing and allied industries	400	353.60	6	91.43	406	445.03
Leather goods	3	0.72	-	-	3	0.72
Rubber goods	424	964.55	11	84.48	435	1049.03
Chemical & chemical products	285	648.62	15	226.35	300	874.97
Petroleum products	3	9.37	-	-	3	9.37
Non-metallic mineral products	192	387.68	11	99.80	203	487.48
Basic metal industries	102	170.18	9	53.65	111	223.83
Metalic products	363	599.01	-	-	363	599.01
Machinery except electrical machinery	149	206.83	2	14.36	151	221.19
Electrical machinery	80	137.76	9	215.98	89	353.74
Transport equipments	145	171.51	1	0.15	146	179.66
Motion pictures	9	59.55	4	19.93	13	79.48
Hotels	-	-	205	1114.82	205	1114.82
Fishing boat	260	225.64	-	-	260	225.64
Transport	835	1166.25	1	4.13	836	1170.38
Miscellaneous industries	382	767.89	5	110.93	387	878.82
Industrial estate	-	-	1	30.00	1	30.00
Total	5695	7973.25	351	2696.16	6046	10669.41

(Source:- Kerala financial corporation, annual report).

3.18 Industry-wise classification of loans and advances
as on 31.3.1987

Type of industry	(Rs. in lakhs)					
	Small scale		Others		Total	
	No.	Amount	No.	Amount	No.	Amount
1	2	3	4	5	6	7
Stone Quarrying	38	71.59	-	-	38	71.59
Food manufacturing	754	1072.84	24	127.25	778	1200.09
Beverage units	32	48.19	1	30.00	33	78.19
Tobacco manufacturing	2	0.42	-	-	2	0.42
Textiles	700	370.09	38	447.04	738	817.13
Footwear & other wearing apparels	78	46.92	1	16.00	79	62.92
Wood, cork except furniture	152	217.79	6	61.94	158	279.73
Furniture and fixtures	412	404.54	1	0.85	413	405.39
Paper products	119	272.78	1	54.28	120	327.06
Printing, publishing and allied industries	441	484.19	6	91.43	447	575.62
Leather goods	3	0.72	-	-	3	0.72
Rubber goods	488	1125.95	11	175.23	499	1301.18
Chemical & chemical products	312	783.16	16	266.85	328	1050.01
Petroleum products	3	9.37	-	-	3	9.37
Non-metallic mineral products	218	476.67	13	143.28	231	619.95
Basic metal industries	106	180.65	9	83.26	115	263.91
Metallic products	422	724.22	-	-	422	724.22
Machinery except electrical machinery	151	209.41	2	14.36	153	223.77
Electrical machinery	89	172.14	9	215.98	98	388.12
Transport equipments	194	230.85	1	8.15	195	239.00
Motion pictures	9	59.55	4	19.93	13	79.48
Hotels	-	-	220	1331.13	220	1331.13
Fishing boat	260	225.64	-	-	260	225.64
Transport	1162	1852.69	1	4.13	1163	1856.82
Miscellaneous industries	474	1222.67	6	237.50	480	1460.17
Industrial estate	-	-	1	30.00	1	30.00
Total	6619	10263.04	371	3358.59	6990	13621.63

(Source:- Kerala financial corporation, annual reports).

3.19 Indices of industrial production 1980-81 to 1986-87

(Base 1970 = 100)

Sl. No.	Particulars	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9
1.	General index	187.10	180.51	158.59	139.06	183.57	200.60	170.95
2.	Manufacture of food products	166.10	143.11	152.68	128.18	165.07	148.03	176.94
3.	" cotton textiles	116.99	96.43	142.65	109.02	137.90	122.98	103.69
4.	" wool, silk & synthetic fibre textiles	164.73	92.24	26.46	69.21	57.94	123.96	43.99
5.	" textile products (including wearing apparel other than foot wear)	58.75	50.45	65.42	83.72	105.81	90.81	80.07
6.	" wood, wood products furniture & fixtures	130.02	135.46	177.17	113.36	176.31	100.56	114.94
7.	" Rubber, plastic, petroleum & coal products	174.42	189.72	186.67	174.58	107.69	206.06	239.07
8.	" paper and paper products	97.81	105.84	45.12	80.79	68.33	69.40	53.17
9.	" Chemicals & chemical products (except products of petroleum & coal)	231.47	224.41	193.38	195.99	294.82	383.25	243.97
10.	" Non-metallic mineral products	297.10	267.30	214.61	185.50	270.50	182.67	181.07

(contd.)

(Table 3.19 contd.)

1	2	3	4	5	6	7	8	9	
11.	"	basic metal & alloys industries	172.40	160.63	146.73	80.90	213.40	176.96	100.34
12.	"	metal products & parts except machinery & transport equipment	364.55	440.56	339.70	381.21	235.56	282.56	355.44
13.	"	machinery, machine tools & part except electrical machinery	177.68	33.04	34.82	33.93	84.82	64.29	55.36
14.		Manufacture of electrical machinery, apparatus, appliances, supplies and parts	116.62	112.13	117.26	71.26	126.77	114.31	114.75
15.	"	transport equipments and parts	130.26	85.29	80.47	87.84	8.36	30.37	213.84
16.		Other manufacturing industries	148.77	103.02	91.05	52.59	49.40	43.29	77.95
17.		Electricity	269.66	283.95	230.46	187.10	250.91	275.11	238.32

3.20 Wholesale price index number of manufactured articles
(Base year 1975-76 = 100)

Year	General Index Numbers	
	Un-organised sector	Organised sector
1	2	3
1975-76	100	100
1980-81	159	166
1981-82	171	179
1982-83	184	188
1983-84	202	214
1984-85	208	244
1985-86	225	254
1986-87	244	319

3.21 Industrial disputes resulting in work-stoppages by
selected industries in kerala

Year	Plantations			Textiles			Coir			Sawmill		
	A	B	C	A	B	C	A	B	C	A	B	C
1	2	3	4	5	6	7	8	9	10	11	12	13
1980	9	11918	284	11	5882	176	-	-	-	2	35	1
1981	15	20745	678	20	11369	804	1	75	12	6	3058	55
1982	27	131316	895	20	9688	741	1	66	-	5	1606	41
1983	5	869	39	8	7377	834	-	-	-	2	424	12
1984	13	7407	73	5	2768	26	2	75125	411	3	2232	53
1985	10	4547	90	11	6368	120	1	215	66	2	117	2
1986	13	92297	342	6	7139	1244	1	215	66	1	650	4

(contd.)

(Table 3.21 contd.)

Year	Teles			Cashew			Others			Total		
	A	B	C	A	B	C	A	B	C	A	B	C
1	14	15	16	17	18	19	20	21	22	23	24	25
1980	4	161	7	1	-	-	77	55773	963	103	73769	1431
1981	2	60	3	-	-	-	54	12169	519	98	47476	2171
1982	4	3088	306	1	128	-	60	25721	443	118	171643	2426
1983	5	296	20	-	-	-	38	10985	748	58	19951	1653
1984	10	2514	125	-	-	-	42	68924	1062	75	159030	1750
1985	2	102	4	-	-	-	44	51437	1603	70	62786	1885
1986	6	3313	54	-	-	-	71	29298	601	98	132912	2311

A: Number of disputes. B: Workers affected. C: Mandays lost (in '000)

3.22 Industry-wise distribution of work-stoppages in kerala by causes

Industry	No. of disputes		Wages		Bonus		Personnel		Working condition		Retrenchment		Others	
	1985	86	85	86	85	86	85	86	85	86	85	86	85	86
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Plantation	10	13	2	3	3	2	1	1	-	-	-	-	4	7
2. Cashew	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Textiles	11	6	6	5	2	-	-	-	-	-	-	-	3	1
4. Coir	1	1	1	1	-	-	-	-	-	-	-	-	-	-
5. Sawmills	2	1	-	2	-	2	1	-	-	-	-	-	1	-
6. Tiles	2	6	-	2	-	2	1	-	-	-	-	-	1	2
7. Miscellaneous	44	71	19	11	5	7	4	7	-	-	1	1	15	45
Total	70	98	28	23	11	11	6	8	-	-	1	1	24	55

3.23 Industry-wise distribution of work-stoppages by results and method of termination (1985)

Industry	Total No. of disputes terminated during the year		Results								Method of termination							
	1985	86	Succes- ful	Unsucces- ful	Partial- ly suc- cessful	Others	Concili- ation	Nego- tiat- ion	Uncon- diti- onal	Broken strikes	85	86	85	86	85	86	85	86
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Plantation	7	10	5	1	-	-	1	8	1	1	3	7	3	1	-	-	1	2
2. Cashew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Textiles	8	3	4	3	1	-	2	-	1	-	6	2	-	1	1	-	1	-
4. Coir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Saw mills	2	1	1	-	-	-	1	1	-	-	2	1	-	-	-	-	-	-
6. Tiles	2	4	1	1	-	-	1	3	-	-	2	4	-	-	-	-	-	-
7. Miscellaneous	34	63	14	16	1	1	15	45	4	1	26	54	4	4	-	2	4	3
Total	53	81	25	21	2	1	20	57	6	2	39	68	7	6	1	2	6	5

3.24 Number of work-stoppages and its duration

Year	Total number of work-stoppages terminated during the year	Duration in number of days								
		1	2-5	5-10	10-20	20-30	30-90	90-180	180 and above	
		1	2	3	4	5	6	7	8	9
1980	96	4	5	7	19	13	31	14	3	
1981	79	13	-	5	10	7	22	15	7	
1982	110	31	2	2	11	8	20	13	17	
1983	46	5	-	1	4	4	11	10	11	
1984	67	6	1	6	9	9	21	9	6	
1985	53	9	5	6	5	3	17	7	-	
1986	81	6	2	2	12	6	25	11	5	

3.25 Number of work-stoppages and its duration industry-wise

Industry	Total No. of work-stoppages terminated during the year		Duration in days															
			1		2-5		6-10		11-20		21-30		31-90		91-180		180+	
			1985	86	85	86	85	86	85	86	85	86	85	86	85	86	85	86
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Plantation	7	10	2	2	-	-	-	1	-	2	1	1	3	2	1	2	-	-
2. Cashew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Textiles	8	3	1	-	1	1	3	-	-	-	-	-	2	2	1	-	-	-
4. Coir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Saw Mills	2	1	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1
6. Tiles	2	4	-	-	1	-	-	1	-	1	-	-	1	1	-	1	-	-
7. Miscellaneous	34	63	6	4	3	7	2	6	5	9	2	5	11	20	5	8	-	4
Total	53	81	9	6	5	8	6	8	5	12	3	6	18	25	7	11	-	5

3.26 Details of maternity benefit in respect of factories in kerala covered by the maternity benefit act - 1961

Year	No. of factories covered by the maternity benefit act.	Establishment which submitted annual returns	Average daily no. of women employed in establishments which submitted returns	No. of women who claimed maternity benefits	No. of claims accepted and paid either fully or partially
1	2	3	4	5	6
1970	948	737	53684	3245	3148
1980	1176	817	88906	452	435
1981	1095	629	88297	715	465
1982	886	786	67137	984	812
1983	1084	737	51904	631	614
1984	1390	880	43452	355	355
1985	1296	805	59337	419	369
1986	1296	921	51035	477	477

3.27 Details of maternity benefits in respect of plantations in kerala covered by the maternity benefit act 1961

Year	No. covered by the maternity benefit act	Establishment which submitted returns	Average daily no. of women employed in establishments which submitted returns	No. of women who claimed maternity benefits	No. of claims accepted and paid either fully or partially
1	2	3	4	5	6
1970	454	170	20850	6536	6536
1980	475	344	52648	6059	5862
1981	484	362	54618	6811	6720
1982	473	279	41152	5377	5324
1983	468	334	43150	4610	4519
1984	552	392	48196	4718	4438
1985	559	343	45913	4937	4646
1986	613	384	58232	4078	3935

3.28 Number of enterprises and employment therein - kerala - 1980

Types of enterprises and employment	Rural		Urban		Total number
	Number	Percentage	Number	Percentage	
1	2	3	4	5	6
I. Agricultural activities					
(other than crop production and plantation)					
(a) All enterprises	36061	77.84	10267	22.16	46328
(i) Own account enterprises	27767 (77.00)	79.60	7114 (69.29)	20.40	34881 (75.29)
(ii) Establishments	8294 (23.00)	72.46	3153 (30.71)	27.54	11447 (24.71)
(b) Persons usually working in enterprises					
(i) Total	59763	78.51	16354	21.49	76117
(ii) Own account enterprises	37107 (62.09)	81.21	8584 (52.49)	18.79	45691 (60.03)
(iii) Establishments	22656 (37.91)	74.46	7770 (47.51)	25.54	30426 (39.97)
(iv) Hired	17501 (29.28)	72.96	6486 (39.66)	27.04	23987 (31.51)
II. Non-Agricultural Activities					
(a) All enterprises	622773	75.44	202796	24.56	825569
(i) Own account enterprises	432819 (69.50)	79.72	110132 (54.31)	20.28	542951 (65.77)
(ii) Establishments	189954 (30.50)	67.21	92664 (45.69)	32.79	282618 (34.23)
(b) Persons usually working in enterprises					
(i) Total	1543076	64.96	832340	35.04	2375416
(ii) Own account enterprises	562267 (36.44)	79.76	142719 (17.15)	20.24	704986 (29.68)
(iii) Establishments	980809 (63.56)	58.72	689621 (82.85)	41.28	1670430 (70.32)
(iv) Hired	886993 (57.48)	58.54	628163 (75.47)	41.46	1515156 (63.78)

(contd.)

(Table 3.28 contd.)

	1	2	3	4	5	6
III. Agricultural and Non- Agricultural activities (Other than Crop Production and Plantation)						
(a) All enterprises	658834		75.56	213063	24.44	871897
(i) Own account enterprises	460586	(69.91)	79.71	117246	(55.03)	577832 (66.27)
(ii) Establishments	198248	(30.09)	67.42	95817	(44.97)	32.58 294065 (33.73)
(b) Persons usually working in enterprises						
(i) Total	1602839		65.38	848694	34.62	2451533
(ii) Own account enterprises	599374	(37.39)	79.84	151303	(17.83)	20.16 750677 (30.62)
(iii) Establishments	1003465	(62.61)	59.00	697391	(82.17)	41.00 1700856 (69.38)
(iv)Hired	904494	(56.43)	58.77	634649	(74.78)	41.23 1539143 (62.78)

Note:- Figures in bracket in columns 2, 4 and 6 show the percentage share of own account enterprises and establishments in all enterprises, the workers under own account enterprises and establishments and of the hired workers to total persons usually working in all enterprises.

Source:- Economic Census 1980.

**3.29 Number of non-agricultural enterprises by major activity groups
and type of enterprises - kerala - 1980**

Major activity group	Rural						Urban					
	OES	EST	A11	OAE	EST	A11	OES	EST	A11	OAE	EST	A11
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Mining & quarrying	2141	(0.49)	1197	(0.63)	3338	(0.54)	114	(0.10)	75	(0.08)	189	(0.09)
2. Manufacturing & repairs service	118438	(27.36)	60013	(31.59)	178451	(28.65)	292862	(26.57)	28421	(30.67)	57683	(28.44)
3. Electricity, gas and water	263	(0.06)	1007	(0.53)	1270	(0.20)	46	(0.04)	278	(0.30)	324	(0.16)
4. Construction	2596	(0.60)	1630	(0.86)	4226	(0.68)	933	(0.85)	713	(0.77)	1646	(0.81)
5. Wholesale & retail trade	187389	(43.30)	38442	(20.24)	225831	(36.26)	50945	(46.26)	26446	(28.54)	77391	(38.16)
6. Hotels and Restaurants	52279	(14.39)	12458	(6.56)	74737	(12.00)	8251	(7.49)	6927	(7.48)	15178	(7.49)
7. Transport	3161	(0.73)	2054	(1.08)	5215	(0.84)	1515	(1.38)	2073	(2.24)	3588	(1.77)
8. Storage and ware housing	1060	(0.25)	1233	(0.65)	2293	(0.37)	947	(0.86)	968	(1.04)	1915	(0.94)
9. Communication	22	(0.01)	3997	(2.10)	4019	(0.65)	5	(0.00)	768	(0.83)	773	(0.38)
10. Finance Insurance real estate & business services	5120	(1.18)	6280	(3.31)	11400	(1.83)	3590	(3.26)	5327	(5.75)	8917	(4.40)
11. Community social & Personal services	49770	(11.50)	60859	(32.04)	110629	(17.76)	14041	(12.75)	19864	(21.44)	33905	(16.72)
12. Others	580	(0.13)	784	(0.41)	1364	(0.22)	483	(0.44)	804	(0.87)	1287	(0.64)
All activities	432819	(100.00)	189954	(100.00)	622773	(100.00)	110132	(100.00)	92664	(100.00)	202796	(100.00)

(Source:- Economic Census 1980).

(contd.)

(Table 3.29 contd.)

Major activity group	Rural and Urban					
	OAE		EST		All	
	1	8	9	10		
1. Mining & quarrying	2255	(0.42)	1272	(0.45)	3527	(0.43)
2. Manufacture & repair service	147700	(27.20)	88434	(31.29)	236134	(28.60)
3. Electricity, gas & water	309	(0.06)	1285	(0.45)	1594	(0.19)
4. Construction	3529	(0.65)	2343	(0.83)	5872	(0.71)
5. Wholesale & retail trade	238334	(43.90)	64888	(22.96)	303222	(36.73)
6. Hotels and Restaurants	70530	(12.99)	19385	(6.86)	89915	(10.89)
7. Transport	4676	(0.86)	4127	(1.46)	8803	(1.07)
8. Storage and warehousing	2007	(0.37)	2201	(0.78)	4208	(0.51)
9. Communication	27	(0.00)	4765	(1.69)	4792	(0.58)
10. Finance, Insurance, Real estate and Business services	8710	(1.00)	607	(4.11)	20317	(2.46)
11. Community, Social and Personal services	63811	(11.75)	80723	(28.56)	144534	(17.51)
12. Others	1063	(0.20)	1588	(0.56)	2651	(0.32)
All activities	542951	(100.00)	282618	(100.00)	825569	(100.00)

(Source:- Economic Census 1980).

3.30 Distribution of non-agricultural-own-account enterprises and employment therein by major activity groups - kerala - 1980

Major activity group	Rural						Urban					
	Own account enterprises		Employment				Own account enterprises		Employment			
			Total	Male	Female	Total			Male	Female		
1	2	3	4	5	6	7	8	9	10	11	12	
1. Mining & Quarrying	2141	(0.49)	2399	(0.43)	58	(0.05)	114	(0.10)	129	(0.09)	4	(0.02)
2. Manufacturing and repair services	118438	(27.36)	182664	(32.49)	74088	(67.79)	29262	(26.57)	43894	(30.76)	14591	(66.96)
3. Electricity, gas and water	263	(0.06)	280	(0.05)	5	(0.00)	46	(0.04)	55	(0.04)	0	(0.00)
4. Construction	2596	(0.60)	2921	(0.52)	29	(0.03)	933	(0.85)	1039	(0.73)	13	(0.06)
5. Wholesale & retail trade	187389	(43.30)	201138	(35.77)	8719	(7.98)	50945	(46.26)	57730	(40.45)	2746	(12.60)
6. Restaurants and Hotels	62279	(14.39)	85237	(15.16)	16485	(15.09)	8251	(7.49)	12223	(8.56)	2072	(9.51)
7. Transport	3161	(0.73)	3367	(0.60)	24	(0.02)	1515	(1.38)	1719	(1.20)	11	(0.05)
8. Storage and Warehousing	1060	(0.25)	1166	(0.21)	30	(0.03)	947	(0.86)	989	(0.69)	20	(0.09)
9. Communication	22	(0.01)	27	(0.00)	3	(0.00)	5	(0.00)	7	(0.00)	1	(0.01)
10. Finance, Insurance Real estate and Business services.	5120	(1.18)	5748	(1.02)	64	(0.06)	3590	(3.26)	4703	(3.30)	70	(0.32)
11. Community, Social and personal services.	49770	(11.50)	76497	(13.60)	9659	(8.84)	14041	(12.75)	19602	(13.74)	2232	(10.24)
12. Others	580	(0.13)	823	(0.15)	120	(0.11)	483	(0.44)	629	(0.44)	30	(0.14)
All activities	432819	(100.00)	562267	(100.00)	109284	(100.00)	110132	(100.00)	142719	(100.00)	21790	(100.00)

(contd.)

(Table 3.30 contd.)

Major activity group	Rural and Urban					
	Own account enterprises		Total		Employment	
	1	8	9	10	Female	
1. Mining and quarrying	2255	(0.42)	2528	(0.36)	62	(0.05)
2. Manufacturing and repair services	147700	(27.20)	226558	(32.14)	88679	(67.66)
3. Electricity, gas and water	309	(0.06)	335	(0.05)	5	(0.00)
4. Construction	3529	(0.65)	3960	(0.56)	42	(0.03)
5. Wholesale & retail trade	238334	(43.90)	258868	(36.72)	11465	(8.75)
6. Restaurants & Hotels	70530	(12.99)	97460	(13.82)	18557	(14.16)
7. Transport	4676	(0.86)	5086	(0.72)	35	(0.03)
8. Storage & warehousing	2007	(0.37)	2155	(0.31)	50	(0.04)
9. Communication	27	(0.00)	34	(0.00)	4	(0.00)
10. Finance, Insurance, real estate & Business service	8710	(1.60)	10451	(1.48)	134	(0.10)
11. Community, social and personal service	63811	(11.75)	96099	(13.63)	11891	(9.07)
12. Others	1063	(0.20)	1452	(0.21)	150	(0.11)
All activities	542951	(100.00)	704966	(100.00)	131074	(106.00)

(Source:- Economic Census 1980).

3.31 Distribution of non-agricultural establishments and employment therein by major groups and by rural-urban location - Kerala 1980

Major activity group	Rural		Urban		Rural and Urban							
	Establishment	Employment	Establishment	Employment	Establishment	Employment						
1	2	3	4	5	6	7						
Mining & Quarrying	1197	(0.63)	4163	(0.42)	75	(0.08)	309	(0.04)	1272	(0.45)	4472	(0.27)
Manufacture & repair services	60013	(31.59)	420858	(42.91)	28421	(30.67)	218472	(31.68)	88434	(31.29)	639330	(38.27)
Electricity, gas & water	1007	(0.53)	5084	(0.52)	278	(0.30)	3624	(0.53)	1285	(0.45)	8708	(0.52)
Construction	1630	(0.86)	5644	(0.57)	713	(0.77)	2850	(0.41)	2343	(0.83)	8494	(0.51)
Wholesale & Retail trade	38442	(20.24)	96791	(9.87)	26446	(28.54)	86766	(12.58)	64888	(22.96)	183557	(10.99)
Restaurants & Hotels	12458	(6.56)	38432	(3.92)	6927	(7.47)	34268	(4.97)	19385	(6.86)	72700	(4.35)
Transport	2054	(1.08)	6489	(0.66)	2073	(2.24)	28669	(4.16)	4127	(1.46)	35158	(2.11)
Storage & Warehousing	1233	(0.65)	3614	(0.37)	968	(1.04)	4113	(0.60)	2201	(0.78)	7727	(0.46)
Communications	3997	(2.10)	14315	(1.46)	768	(0.83)	14605	(2.12)	4765	(1.69)	28920	(1.73)
Financing, Insurance, Real estate & Business services	6280	(3.31)	32358	(3.30)	5327	(5.75)	43848	(6.36)	11607	(4.11)	76206	(4.56)
Community social & Personal service	60859	(32.04)	344265	(35.10)	19864	(21.44)	246505	(35.74)	80723	(28.56)	590770	(35.37)
Others	784	(0.4)	8796	(0.90)	804	(.087)	5592	(0.81)	1588	(0.56)	14388	(6.86)
All activities	189954	(100.00)	980809	(100.00)	92664	(100.00)	689621	(100.00)	282618	(100.00)	1670430	(100.00)

Source:- Economic Census 1980

IV. ENERGY AND POWER

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4.1 Installed power capacity in Kerala

(in MW)

Year	Hydro-electric	Diesel	Total
1	2	3	4
1975-76	751.5	3.1	754.6
1980-81	1011.5	-	1011.5
1981-82	1011.5	-	1011.5
1982-83	1011.5	-	1011.5
1983-84	1011.5	-	1011.5
1984-85	1011.5	-	1011.5
1985-86	1271.5	-	1271.5
1986-87	1476.5	-	1476.5
1987-88	1476.5	-	1476.5

4.2 Generation of electricity in Kerala

(Million units)

Year	Hydro-electric	Diesel	Total
1	2	3	4
1975-76	2783	-	2783
1980-81	5242	-	5242
1981-82	5539	-	5539
1982-83	4488	-	4488
1983-84	3643	-	3643
1984-85	4884	-	4884
1985-86	5357	-	5357
1986-87	4642	-	4642
1987-88	4094	-	4094

4.3 Generation of power at different stations

(Million units)

Station	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5	6	7	8	9
Pallivasal	234	241	209	209	236	217	206	220
Chenkulam	156	160	114	131	150	119	128	123
Panniyar	107	120	24	76	109	129	77	82
Neriyamangalam	244	289	189	254	290	292	245	243
Sholayar	185	257	177	221	278	236	203	148
Peringalkuthu	178	223	173	215	237	212	212	215
Kuttiadi	257	294	210	251	273	239	244	204
Sabarigiri	1268	1542	1071	851	1375	1402	963	977
Idukki	2613	2413	2321	1434	1937	2512	2314	1512
Idamalayar	-	-	-	-	-	-	49	366
	5242	5539	4488	3642	4885	5358	4641	4090

Source: KSEB.

4.4 Category-wise sales of energy in Kerala

(Rs. in lakhs)

Category	1975-76	1980-81	81-82	82-83	83-84	84-85	85-86	86-87
1	2	3	4	5	6	7	8	9
Domestic	201	443	549	641	649	800	877	991
Commercial	104	185	226	221	247	260	360	395
Industrial LT	178	208	206	218	201	225	258	254
Industrial HT & EHT	1283	1705	1670	1494	1330	1835	1986	1708
Public lighting	34	42	64	51	45	46	58	76
Agricultural	120	80	88	107	110	92	101	131
Water works	18	37	44	36	44	37	47	88
Licensees	77	68	65	71	77	81	89	60
Export	302	1732	1778	668	90	329	396	19
Total	2317	4500	4690	3507	2793	3705	4172	3722

4.5 Number of consumers of electricity in Kerala

Year	Number of consumers
1	2
1975-76	916675
1980-81	1569325
1981-82	1819683
1982-83	1969231
1983-84	2059727
1984-85	2217173
1985-86	2396252
1986-87	2606200

Source: KSEB.

4.6 Annual per capita consumption of electricity and average electricity consumption 1980-81 to 1984-85

State/region	Utilities (in K.W.H)						Average consumption per consumer (in '000 K.W.H.)									
	Domestic	Comm- ercial	Indu- strial	Public lighting	Agri- culture	Agri- culture	Total Dome- stic	Comm- ercial	Industrial LV&MV	Industrial HV	Public lighting	Trac- tion	Agri- culture	Public waterworks	Total	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Andhra Pradesh	1981-82	11.87	8.63	71.91	1.02	18.53	111.96	0.52	1.44	7.33	2162.66	2.30	18891.43	2.06	70.66	2.29
	1982-83	13.38	4.55	81.77	1.29	26.47	127.46	0.37	0.75	7.77	2294.57	2.71	11485.00	2.74	63.09	2.38
	1983-84	16.03	4.99	85.44	1.41	28.89	136.76	0.42	0.81	8.22	2055.31	2.72	14018.33	2.81	21.40	2.38
	1984-85	18.19	5.97	92.19	1.46	42.53	160.34	0.43	0.85	8.27	1737.70	2.75	14815.83	4.01	60.83	2.60
Karnataka	1981-82	21.00	3.82	121.43	2.05	11.33	159.63	0.43	0.64	4.72	2963.59	8.41	-	1.26	0.12	2.37
	1982-83	24.13	4.18	118.25	2.16	12.40	161.12	0.46	0.67	4.76	2808.97	8.94	-	1.31	-	2.25
	1983-84	30.18	4.47	109.98	2.43	13.58	160.64	0.53	0.50	4.61	2493.06	10.06	-	1.33	-	2.01
	1984-85	34.15	4.90	123.60	2.61	15.41	180.67	0.56	0.53	4.74	2782.15	10.46	-	1.38	-	2.10
Kerala	1981-82	22.34	10.16	77.67	2.34	4.09	116.60	0.42	0.80	6.30	2750.36	42.54	-	1.00	79.98	1.61
	1982-83	25.21	9.77	71.61	1.80	4.12	112.51	0.44	0.73	6.96	3266.89	33.19	-	0.99	71.36	1.50
	1983-84	24.46	8.56	57.18	2.70	3.51	96.41	0.42	0.64	5.70	2650.08	51.39	-	0.81	60.18	1.23
	1984-85	27.83	11.10	79.51	1.93	3.61	123.98	0.47	0.81	5.84	3912.66	33.80	-	0.78	54.68	1.55
Tamil Nadu	1981-82	19.13	10.58	104.53	1.81	50.77	186.82	0.38	0.80	3.99	2927.03	2.09	13044.00	2.74	6.98	2.09
	1982-83	19.76	14.00	87.26	1.85	50.72	173.59	0.36	1.08	3.74	2233.81	2.45	19000.00	2.63	6.36	1.86
	1983-84	18.38	15.24	83.65	1.97	43.79	163.03	0.31	1.07	4.11	1016.93	1.80	5421.05	2.28	5.74	1.49
	1984-85	27.34	17.32	118.31	3.07	47.19	213.23	0.43	1.18	26.20	**	3.46	6894.74	2.33	6.42	1.82

** included in industrial L.V.& M.V

(contd.)

V. HOUSING

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5.1 Census houses by uses 1981

Use	No. of census houses (in '000)	%	corresponding % in India
1	2	3	4
Census houses vacant at the time of house listing	410	6.96	5.33
Residence	4060	69.03	70.99
Shop-cum-residence	27	0.47	0.95
Workshop-cum-residence including household industry	100	1.84	1.99
Hotel, sarais, dharmasalas, etc.	8	0.13	0.14
Shops excluding eating houses	203	4.47	2.45
Business houses and offices	50	0.95	0.47
Factories, workshops and worksheds	152	2.59	1.52
Restaurants, sweet-heat shops and eating places	80	1.50	0.39
Places of entertainment and community gathering	19	0.32	0.13
Places of worship	73	1.25	1.01
Others	617	10.49	13.63
Total	5881	100.00	100.00

(Source: Census of India 1981 Series 10 - Kerala, Part VII, Houses and disabled persons.)

5.2 Number of households and occupied residential houses - 1981

District	Total		Rural		Urban	
	Houses	Households	Houses	Households	Houses	Households
1	2	3	4	5	6	7
Trivandrum	460125	491081	348194	370908	111931	120173
Quilon	502655	514669	443520	451520	59135	63149
Alleppey	418773	429705	356914	364581	61859	65124
Kottayam	288353	295276	262918	267957	25435	27319
Idukki	182074	186675	174181	178527	7893	8148
Ernakulam	425764	441273	262696	267928	163068	173345
Trichur	410793	416932	326755	330954	84038	85978
Palghat	358982	370567	324438	333573	34544	36994
Malappuram	364759	369573	339197	343170	25562	26403
Kozhikode	353523	362390	268929	270761	84594	91629
Wynad	101409	103358	101409	103358	N11	-
Cannanore	430112	441778	340434	348107	89678	93671
State	4297322	4423277	3549585	3631344	747737	791933

(Source:- Census of India 1981).

5.3 Particulars of housing - 1980 (district-wise)

District	Total	Huts	Old dilapi- dated houses	Others				
				Upto 500 sq.ft. With sepa- rate kitchen	501-1000 Without sepa- rate kitchen	1001-1500 Sq.ft.	above 1500 Sq.ft.	
1	2	3	4	5	6	7	8	9
Trivandrum	444573	83232	33546	111565	56948	107315	38414	13553
Quilon	479513	131639	30368	72670	115978	87898	30070	10890
Alleppey	405020	146089	20015	89862	42780	67974	27663	10637
Kottayam	274179	75943	9282	59097	36536	59794	24329	9198
Idukki	167739	60685	8784	47187	21233	20795	6673	2382
Ernakulam	401457	83149	12948	92554	52032	109228	38401	13145
Trichur	393435	71654	11792	95566	31826	113809	49077	19715
Palghat	340139	65703	12819	80053	59296	81537	29410	11321
Malappuram	340291	82544	13353	70479	68613	70625	26078	8599
Kozhikode	389933	81619	14335	104270	46890	95319	35266	12232
Cannanore	429580	83584	19906	89892	49692	111656	52809	22041
State	4065859	965841	187148	913195	581832	925950	358190	133713

(Source:- Survey on housing and employment 1980 DES).

5.4 Housing condition - 1980 (district-wise)

District	Total number of houses	Electrified houses	Percent-age	Houses with water sealed lavatories	Percent-age	Houses experiencing scarcity of drinking water	Percent-age
1	2	3	4	5	6	7	8
Trivandrum	444573	131449	29.57	85277	19.18	129508	29.13
Quilon	479513	107116	22.34	84642	17.66	200160	41.75
Alleppey	405020	113530	28.03	87297	21.55	143158	35.35
Kottayam	274179	82892	30.23	59543	21.72	151315	55.19
Idukki	167739	20245	12.07	22601	13.47	75506	45.01
Ernakulam	401457	140845	35.08	121238	30.20	174497	43.47 ¹⁴⁷
Trichur	393435	117949	29.98	92434	23.49	150748	38.32
Palghat	340139	72212	21.23	43825	12.88	163317	48.01
Malappuram	340291	35818	10.53	36780	10.81	132484	38.93
Kozhikode	389933	65960	16.92	73435	18.83	136549	35.02
Cannanore	429580	82506	19.21	55026	12.81	142021	33.06
State	4065859	970522	23.87	762098	18.74	1599263	39.33

(Source:- Survey on housing and employment -DES).

VI. EMPLOYMENT AND WAGES

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**6.1 Employment in establishments both private and public sectors (covered under EMI scheme) in Kerala
by industry division as on 31st march**

industry division	1975		1981		1982		1983		1984		1985		1986		1987	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0 Agriculture, hunting forestry & fishing	12509	3.4	103145	10.2	103217	9.9	101887	9.7	102013	9.6	98855	9.2	102926	9.5	104731	9.6
1 Mining & quarrying	-	-	1340	0.1	1917	0.2	1954	0.2	1931	0.2	2049	0.2	2036	0.2	2595	0.3
2&3 Manufacturing	45300	11.9	323359	31.8	324838	31.2	320113	30.3	309470	29.2	313376	29.2	309891	28.7	306981	28.2
4 Electricity, gas & water	12780	3.5	16349	1.6	16308	1.6	15973	1.5	16343	1.5	15796	1.5	16491	1.5	15762	1.4
5 Construction	20661	5.5	25170	2.5	24711	2.4	26267	2.5	26932	2.5	26772	2.5	26363	2.4	26011	2.4
6 Trade & commerce	2041	0.5	16376	1.6	16934	1.6	18025	1.7	18402	1.7	18216	1.7	19322	1.8	19557	1.8
7 Transport, storage & communications	52454	13.8	74452	7.3	81771	7.9	86509	8.2	90198	8.5	93457	8.7	91928	8.5	90165	8.3
8 Financing insurance, real estate & business service	15047	4.7	47779	4.7	53871	5.2	56639	5.4	59881	5.7	62837	5.9	65440	6.1	68824	6.3
9 Community, social & personal services	214898	56.7	409358	40.2	416917	40.0	427450	40.5	435882	41.1	441495	41.1	446660	41.3	454079	41.7
Total	375690	100.0	1017328	100.0	1040484	100.0	1054817	100	1061052	100	1072853	100.0	1081057	100.0	1088705	100.0

Source: Directorate of employment & training

6.2 Employment in establishments in public sector in Kerala by industry division as on 31st march

Industry division	1975		1981		1982		1983		1984		1985		1986	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0 Agriculture, hunting, forestry & fishing	11304	3.6	17915	3.6	18693	3.6	19533	3.6	18750	3.4	19170	3.4	19237	3.4
1 Mining & quarrying	-	-	1047	0.2	1503	0.3	1582	0.3	1560	0.3	1679	0.3	1667	0.3
2&3 Manufacturing	20868	6.6	73255	14.7	76417	14.7	76552	14.2	77430	14.0	81116	14.4	81128	14.2
4 Electricity gas and water	11633	3.7	16318	3.3	16267	3.1	15931	3.0	16301	3.0	15737	2.8	16436	2.9
5 Construction	19428	6.2	22604	4.5	22861	4.4	24465	4.5	25200	4.5	25389	4.5	25525	4.5
6 Trade & commerce	14087	4.4	3610	0.7	3770	0.7	5029	1.0	5286	1.0	5254	0.9	5525	1.0
7 Transport, storage & communications	48260	15.3	69911	14.0	77933	15.0	82730	15.4	86657	15.7	90043	16.0	88555	15.5
8 Financing insurance, real estate and business service	-	-	-	-	35826	6.9	37681	7.0	39328	7.1	40123	7.1	43253	7.6
9 Community social & personal services	189752	60.2	294637	59.0	267396	51.3	275514	51.0	280125	50.9	284816	50.6	289871	50.6
Total	315332	100.0	499297	100.0	520666	100.0	539017	100.0	550637	100.0	563327	100.0	571197	100.0

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6.3 Employment in both public and private sectors in Kerala by district as on 31st march

District	1975	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
Trivandrum	98922	126635	136937	144450	146113	142372	148419	147207
Quilon	121746	171617	171581	162737	157161	142400	136349	136495
Pathanamthitta	-	-	-	-	-	27403	29607	30075
Alleppey	53382	64516	65173	66835	68403	56693	55498	55420
Kottayam	42119	49629	51166	53105	54093	54144	54579	54425
Idukki	60651	69103	70642	68544	69449	72305	75094	72469
Ernakulam	98187	130845	131782	133975	136931	138355	138590	142887
Trichur	68838	87210	91367	93008	93336	94155	93345	97065
Palghat	56789	67173	70052	70876	70632	71889	72591	73132
Malappuram	50592	43225	45385	46746	47891	49129	51423	51294
Kozhikode	80037	109632	86686	89097	89749	90510	92177	91321
Wayanad	-	-	22806	23377	24901	25992	26546	28079
Cannanore	69867	97743	96907	102067	102393	107506	82526	81311
Kasaragod	-	-	-	-	-	-	24313	27525
State	781130	1017328	1040484	1054817	1061052	1072853	1081057	1088705

6.4 Employment in the public sector by district-wise as on 31st march

District	1975	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
Trivandrum	75222	95982	103079	110430	112837	113401	116181	116461
Quilon	46819	67214	68874	69947	70773	66945	64600	64850
Pathanamthitta	-	-	-	-	-	12769	14519	15126
Alleppey	30145	37807	38441	39372	40652	34607	34638	34017
Kottayam	18671	23834	25502	27166	27883	27410	28517	28787
Idukki	9419	11993	12344	11705	11704	13134	13134	13081
Ernakulam	57290	78877	79575	81561	83419	85900	86540	89187
Trichur	26961	37644	40584	41521	42365	42793	42931	43238
Palghat	37720	41741	43321	43538	44333	45880	47344	47135
Malappuram	17552	24207	25978	26731	27374	28009	29983	29278
Kozhikode	31151	42497	39321	41447	42199	42797	43945	43199
Wayanad	-	-	4975	6116	6700	7625	8438	8244
Cannanore	24740	37501	38672	39483	40398	42057	31099	31595
Kasaragod	-	-	-	-	-	-	9328	12338
State	375690	499297	520666	539017	550637	563327	571197	576536

6.5 Employment in the private sector by district as on 31st march

District	1975	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
Trivandrum	23700	30653	33858	34020	33276	28971	32238	30746
Quilon	74927	104403	102707	92790	86388	75455	71749	71645
Pathanamthitta	-	-	-	-	-	14634	15088	14949
Alleppey	23237	26709	26732	27463	27751	22086	20860	21403
Kottayam	23448	25795	25664	25939	26210	26734	26062	25638
Idukki	51232	57110	58298	56839	57745	59171	61960	59388
Ernakulam	40987	51968	52207	52414	53512	52455	52050	53700
Trichur	41877	49566	50783	51487	50971	51362	50414	53827
Palghat	19069	25432	26731	27338	26299	26009	25247	25997
Malappuram	13040	19018	19407	20015	20517	21120	21440	22016
Kozhikode	48886	67135	47365	47650	47550	47713	48232	48122
Wayanad	-	-	17831	17261	18201	18367	18108	19835
Cannanore	45127	60242	58235	62584	61995	65449	51427	49716
Kasaragod	-	-	-	-	-	-	14985	15187
State	405440	518031	519818	515800	510415	509526	509860	512169

Source: Department of employment Source: Department of employment.

**6.6 Employment in the public sector in Kerala (Central Govt.)
district-wise as on 31st march**

District	1975	1981	1982	1983	1984	1985	1986	1987
Trivandrum	7847	13651	18703	21443	23530	24461	25061	25008
Quilon	981	1197	1290	1471	1495	1592	1613	1851
Pathanamthitta	-	-	-	-	-	2559	2745	2757
Alleppey	1699	1771	1434	1916	2551	1187	1111	1078
Kottayam	1684	2133	2596	2637	2888	2117	2138	2158
Idukki	764	991	1042	1117	1143	1149	1107	1101
Ernakulam	10679	13549	14123	14466	15112	15834	15408	15450
Trichur	2861	4040	4790	4545	4676	4736	4729	4802
Palghat	18966	18647	19265	19195	19442	19856	19934	19675
Malappuram	1239	1604	1602	1727	1823	1807	1810	1778
Kozhikode	4171	5063	4962	5831	6028	5938	5965	5939
Wayanad	-	-	-	-	154	312	317	315
Cannanore	2108	3840	4145	4381	4596	4576	3057	2984
Kasaragod	-	-	-	-	-	-	1489	1510
State	52989	66486	73952	78729	83438	86124	86484	86406

**6.7 Employment in the public sector in Kerala (State Govt.) district-wise
as on 31st march**

District	1975	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
Trivandrum	41396	48817	49161	51541	50648	49900	51332	51860
Quilon	20324	22938	23436	24439	24838	21464	21433	22030
Pathanamthitta	-	-	-	-	-	4933	5164	5659
Alleppey	18312	20103	20464	21226	21488	18687	18668	18691
Kottayam	11938	13165	13459	13763	14333	13623	14014	14122
Idukki	4950	7413	7488	6833	6980	7988	7803	8067
Ernakulam	20493	22698	22558	22336	22247	22982	23447	24141
Trichur	15985	20462	21112	21508	22273	22534	22782	22946
Palghat	15302	17775	18207	18248	18540	19283	19683	20043
Malappuram	14334	18014	19160	19691	19804	20281	21938	20961
Kozhikode	19997	25184	22691	23325	23481	23986	24851	24175
Wayanad	-	-	3075	4225	4505	4994	5615	5419
Cannanore	17034	21701	22190	22119	22819	24344	16635	16452
Kasaragod	-	-	-	-	-	-	5659	8252
State	200065	238270	243001	249254	251956	254999	259024	262818

6.8 Employment in the public sector in Kerala (local bodies) district-wise as on 31st march

District	1975	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
Trivandrum	8384	5380	5667	5599	5742	4182	4167	3306
Quilon	1689	2498	2598	2724	2760	2551	2635	2523
Pathanamthitta	-	-	-	-	-	657	717	724
Alleppey	1331	1503	1547	1617	1633	1335	1332	1331
Kottayam	997	1248	1321	1345	1370	1391	1388	1362
Idukki	536	720	717	731	760	835	811	870
Ernakulam	2147	2766	2862	2942	2968	3033	3117	3416
Trichur	1401	1710	1823	1881	1892	1950	1965	2050
Palghat	1431	1255	1296	1340	1357	1329	1366	1402
Malappuram	600	798	844	905	1037	1009	1032	1121
Kozhikode	2388	2868	2708	2774	2802	2845	2883	2950
Wayanad	-	-	247	253	270	314	306	319
Cannanore	1355	1449	1568	1634	1605	1794	1312	1399
Kasaragod	-	-	-	-	-	-	398	439
State	22219	22195	23198	23745	24196	23225	23429	23212

6.9 Employment in the public sector in Kerala (quasi-govt.) district-wise as on 31st march

District	1975	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
Trivandrum	12654	28134	29548	31847	32917	34858	35621	36287
Quilon	11318	40581	41550	41313	41680	41338	38919	38446
Pathanamthitta	-	-	-	-	-	4620	5893	5986
Alleppey	3813	14430	14996	14613	14980	13398	13527	12917
Kottayam	4293	7288	8126	9421	9292	10279	10977	11145
Idukki	-	2869	3097	3024	2821	3162	3413	3043
Ernakulam	23016	39864	40032	41817	43092	44051	44568	46180
Trichur	4111	11432	12859	13587	13524	13573	13455	13440
Palghat	1553	4074	4553	4755	4994	5412	6361	6015
Malappuram	872	3791	4372	4408	4710	4912	5203	5418
Kozhikode	3683	9382	8960	9517	9888	10028	10246	10135
Wayanad	-	-	1653	1638	1771	2005	2200	2191
Cannanore	1474	10511	10769	11349	11378	11343	10095	10760
Kasaragod	-	-	-	-	-	-	1782	2137
State	66887	172346	180515	187289	191047	198979	202260	204100

**6.10 Women employees in public and private sectors in Kerala
as on 31st march 1986**

District	Central govt.	State govt.	Quasi govt.	Local body	Total public sector	% of women employment in public sector	Private sector	% in private sector & public sector	Total private & public sector	Total % of women employ- ment
1	2	3	4	5	6	7	8	9	10	11
Trivandrum	3359	16059	6646	1424	27488	23.66	18316	56.81	45804	30.86
Quilon	273	7354	23784	864	32275	49.96	51265	71.45	83540	61.27
Pathanamthitta	613	1953	1713	227	4506	31.04	7689	50.96	12195	41.19
Alleppey	221	6475	5383	484	12563	36.27	8139	39.02	20702	37.30
Kottayam	444	4861	2175	371	7851	27.53	8563	32.86	16414	30.07
Idukki	214	1975	320	274	2783	21.19	34673	55.96	37456	49.88
Ernakulam	2626	8448	5869	988	17931	20.72	14284	27.44	32215	23.24
Trichur	948	8832	3438	522	13740	32.00	20951	41.56	34691	37.16
Palghat	944	5927	566	264	7701	16.27	8103	32.09	15804	21.77
Malappuram	199	6596	873	208	7876	26.27	7389	34.46	15265	29.69
Kozhikode	722	7359	1240	587	9908	22.55	12731	26.40	22639	24.56
Wayanad	13	1531	77	43	1664	19.72	9938	54.88	11602	43.71
Cannanore	428	4403	2501	262	7594	24.42	13976	27.18	21570	26.14
Kasaragod	104	1468	377	55	2004	21.48	8219	54.85	10223	42.05
State	11108	83241	54962	6573	155894	27.29	224236	43.98	380120	35.16

**6.11 Women employees in public and private sectors in Kerala
as on 31st march 1987**

District	Central govt.	State govt.	Quasi govt.	Local body	Total public sector	% of women employment in public sector	Private sector	% in private sector & public sector	Total private & public sector	Total % of women employ- ment
1	2	3	4	5	6	7	8	9	10	11
Trivandrum	3551	16708	7839	1168	29266	25.13	17250	56.10	46516	31.60
Quilon	298	7697	23041	859	31894	49.18	52002	72.58	83896	61.46
Pathanamthitta	607	2045	1789	201	4642	30.69	7452	49.85	12094	40.21
Alleppey	217	6580	5240	480	12517	36.80	8546	39.93	21063	38.01
Kottayam	441	4863	2230	397	7931	27.55	8756	34.15	16687	30.66
Idukki	218	2327	326	293	3164	24.19	31398	52.87	34562	47.69
Ernakulam	2695	8877	6208	852	18632	20.89	15411	28.70	34043	23.83
Trichur	890	8878	3416	570	13754	31.81	22637	42.06	36391	37.49
Palghat	968	6338	583	267	8156	17.30	8017	30.84	16173	22.11
Malappuram	204	6638	903	240	7985	27.27	8106	36.82	16091	31.37
Kozhikode	783	7278	1321	629	10007	23.16	13280	27.60	23287	25.50
Wayanad	14	1462	111	42	1629	19.76	10982	55.37	12611	44.91
Cannanore	433	4461	2635	294	7823	24.76	13991	28.14	21814	26.83
Kasaragod	110	2371	414	59	2954	23.94	8376	55.15	11330	41.16
State	11429	86523	56056	6346	160354	27.81	226204	44.17	386558	35.51

6.12 Distribution of work seekers in Kerala by educational level

Year	Total work seekers	Below SSLC	% to total work seekers	SSLC	Pre-degree	Graduate	Post graduate	SSLC above	% to total work seekers
1	2	3	4	5	6	7	8	9	10
1975	691242	331628	47.98	281989	28329	44456	4840	359614	52.02
1981	1651358	832502	50.41	655646	83349	*79861	-	818856	49.59
1982	1895755	966346	50.97	752251	91677	*85481	-	929409	49.03
1983	2108897	1057871	50.16	852461	105993	85220	7352	1051026	49.84
1984	2335033	1158150	49.60	959507	119907	90173	7296	1176883	50.40
1985	2457170	1192502	48.53	1051887	119953	84149	8679	1264668	51.47
1986	2532322	1183938	46.75	1103057	145137	87943	12247	1348384	53.25
1987	2726702	1157441	42.45	1151340	155700	165072	97149	1569261	57.55

Source: Directorate of employment & training

* graduates & post graduates

6.13 Number of professional and technical work seekers as on 31st march

Year	Medical graduate	Engineering graduates	Diploma holders in engineering	ITI certificate holders	Agriculture graduates	Veterinary graduates
1	2	3	4	5	6	7
1981	651	1217	7866	33569	103	14
1982	681	1232	7930	33608	NA	NA
1983	895	1538	8617	36808	217	13
1984	841	1773	10513	44242	158	2
1985	1014	2254	11986	48748	252	22
1986	1281	2911	12886	52730	153	53
1987	1317	3989	15164	59987	274	33

6.14 Number of work seekers in each district of Kerala as on 31 march

District	1975	1980	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10
Trivandrum	139215	257213	314953	374578	399697	439316	472941	477858	506408
Quilon	73464	147100	201718	228271	239383	231908	258098	260812	265279
Pathanamthitta	-	-	-	-	-	63978	81719	87944	89769
Alleppey	55611	106178	147572	177904	192718	196246	207387	220679	239886
Kottayam	58213	122737	158208	181470	199620	211407	221966	222935	246879
Idukki	14617	23507	33250	39616	52450	61724	58967	69221	77203
Ernakulam	120948	187686	206993	262733	293155	310103	272098	297821	313621
Trichur	55336	96758	145521	133601	156847	173780	176621	168243	191079
Palghat	27204	74380	100325	109488	125838	139150	156749	169332	185410
Malappuram	35076	56563	65482	76888	92011	107449	121743	135254	149060
Kozhikode	64469	121502	161072	175662	198349	218531	228249	203340	220435
Wayanad	-	-	-	18604	26017	32071	36893	41675	49392
Cannanore	47089	91991	116264	116940	132812	118065	125692	133973	144430
Kasaragod	-	-	-	-	-	31305	38047	43235	41851
State	691242	1285615	1651358	1895755	2108897	2335033	2457170	2532322	2726702

Source: Department of national employment service.

6.15 Occupational distribution of applicants on live register of employment exchanges in Kerala as on 31st december

(in '000)

Industry description	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8
1. Professional, technical & related workers excluding primary & middle school teachers	62.6	62.7	66.7	72.5	76.1	83.2	88.7
2. Primary & middle school teachers	12.0	11.8	15.0	17.7	19.5	23.0	24.7
3. Administrative executives & managerial workers	2.2	2.2	2.1	2.9	3.3	3.5	3.7
4. Sales workers	0.6	0.6	0.7	4.7	0.7	0.9	1.0
5. Clerical & related workers excluding unskilled office workers	144.4	144.5	158.8	177.0	186.4	189.8	203.7
6. Service workers excluding watchers, gatesmen and sweepers	7.1	6.7	8.3	9.8	11.2	13.2	15.0
7. Farmers, fishermen, hunters, loggers etc. excluding agricultural plantation workers	15.7	17.4	19.8	22.0	22.6	24.2	23.9
8. Production related workers, transport equipment operator and labourers including loaders, unloaders and labourers etc.	128.0	124.0	132.4	146.4	151.4	152.7	169.4
9. Unskilled office workers	20.4	21.2	20.1	18.3	16.2	19.0	18.6
10. Other unskilled workers	70.3	79.6	88.6	93.4	73.4	76.0	79.2
11. Workers not classified by occupations	1440.3	1424.7	1596.3	1778.9	1896.3	1947.1	2098.8
Total	1903.6	1895.4	2108.8	2343.6	2457.1	2532.6	2726.7

Source: Dept. of employment & training

6.16 Number of applicants on live register of employment exchanges in Kerala as on 31st march

Particulars	1975	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
1. No. of employment exchanges	13	25	28	28	33	33	33	35
2. Average monthly no. of employees using the exchange	545	860	954	593	490	419	398	455
3. No. of vacancies notified during the period	29963	33855	31449	27471	22921	22564	20216	20004
4. No. of registrations during the period	283274	484186	366919	373278	447687	394036	363100	377120
5. No. of placement effected during the period	23878	21641	19176	18048	13256	12045	13943	14564
6. No. of applicants in the live registers at the end of the period	691242	1651358	1895755	2108897	2335033	2457170	2532322	2719951

Source: Directorate of employment

6.17 Number of rural households & rural labour households 1983-84

District	Agricultural labour households	Other rural labour households	All rural labour households
1	2	3	4
Trivandrum	74465	117585	192050
Quilon	103973	79563	183536
Alleppey	73943	79935	153878
Idukki	75685	10663	86348
Kottayam	72123	36404	108527
Ernakulam	54908	83439	138347
Trichur	86189	96271	18260
Palghat	117722	62191	179913
Malappuram	97251	109619	206870
Kozhikode	60914	81709	142623
Wayanad	41809	8807	50616
Cannanore	109098	43841	152939
State	968080	810027	1778107

6.18 Number of agricultural and other rural labourers in rural labour households 1983-84

District	Type of hhd.	Agricultural labourer			Other rural labourer			All rural labourers		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
Trivandrum	AL	123539	41910	165449	10763	10840	21603	134302	52750	187052
	ORL	51221	7167	58388	129783	52999	182782	181004	60166	241170
	Total	174760	49077	223837	140546	63839	204385	315306	112916	428222
Quilon	AL	117508	47402	164460	8442	19849	28291	125500	67251	192751
	ORL	13756	3862	17618	77052	43778	120830	90808	47640	138448
	Total	130814	51264	182078	85494	63627	149121	216308	114891	331199
Alleppey	AL	90637	53955	144592	6723	13747	20470	97360	67702	165062
	ORL	5327	12222	17549	97743	50118	147861	103070	62340	165410
	Total	95964	66177	162141	104466	63865	168331	200430	130042	330472
Idukki	AL	83109	65443	148552	3655	1271	4926	86764	66714	153478
	ORL	407	2046	2453	9451	3861	13312	9858	5907	15765
	Total	83516	67489	151005	13106	5132	18238	96622	72621	169243
Kottayam	AL	86831	30617	117448	7270	7287	14557	94101	37904	132005
	ORL	4273	4158	8431	41762	6490	48252	46035	10648	56683
	Total	91104	34775	125879	49032	13777	62809	140136	48552	188688
Ernakulam	AL	65424	49070	114494	8168	3503	11671	73592	52573	126165
	ORL	5274	10411	15685	96791	13946	110737	102065	24357	126422
	Total	70698	59481	130179	104959	17449	122408	175657	76930	252587

(contd.)

(Table 6.18 contd.)

	1	2	3	4	5	6	7	8	9	10	11
Trichur	AL	80285	83926	164211	15731	7023	22754	96016	90945	186965	
	ORL	8198	32989	41187	119563	32595	152175	127781	65584	193365	
	Total	88483	116915	205398	135314	39618	174932	223797	156533	380330	
Palghat	AL	111527	132541	244068	18422	5305	23727	129949	137846	267795	
	ORL	11739	37848	49587	72343	16115	88458	84082	53963	138045	
	Total	123266	170389	293655	90765	21420	112185	214031	191809	405840	
Malappuram	AL	114655	66216	180871	18876	4970	23854	138531	71194	204725	
	ORL	9225	15272	24547	148048	33339	181387	157383	48551	205934	
	Total	123980	81488	205418	166924	28309	205241	290914	119745	410659	
Kozhikode	AL	73913	23120	97033	2946	1371	4317	76859	24491	101350	
	ORL	3463	3819	7282	114619	15847	130360	117982	19660	137642	
	Total	77376	26939	104315	117465	17212	134677	194841	44151	238992	
Wayanad	AL	45374	35418	80792	567	1752	2319	45941	37170	83111	
	ORL	787	3038	3825	10731	4639	15370	11518	7677	19195	
	Total	46161	38456	84617	11298	6391	17689	57459	44847	102306	
Cannanore	AL	122910	95476	218386	17788	21880	39668	140698	117356	258054	
	ORL	9976	15313	25289	56739	26293	83032	66715	41606	108321	
	Total	132886	110789	243675	74527	48173	122700	207413	158962	366375	
State	AL	1115262	725094	1840356	110351	98806	218157	1234613	823900	2058513	
	ORL	123756	148085	271841	974545	300014	1274559	1098307	448099	1546400	
	Total	1239018	873179	2112197	1093896	398820	1492716	2332914	1271999	3604913	

AL: Agricultural Labourer, ORL: Other Rural Labourer.

6.19 Average annual days of employment for rural labourers
Average number of days worked

State/ District	Labour status	ALHH			ORLHH			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
State	AL	147	115	134	132	98	114	146	112	132
	ORL	182	186	184	199	203	20	197	198	198
	Total	151	123	140	192	168	185	170	139	159
Trivandrum	AL	130	104	123	133	124	132	131	107	126
	ORL	222	173	198	202	195	200	204	191	200
	Total	137	119	132	182	186	184	163	155	161
Quilon	AL	133	196	123	124	99	119	132	196	122
	ORL	202	171	180	197	183	192	198	179	190
	Total	138	118	131	186	176	183	158	142	153
Alleppey	AL	142	111	130	149	79	96	142	105	126
	ORL	194	168	176	180	225	195	181	212	193
	Total	145	122	136	178	197	185	162	157	160
Idukki	AL	162	146	155	152	136	139	162	146	155
	ORL	156	171	160	223	169	178	175	169	173
	Total	162	147	155	181	158	172	164	148	157
Kottayam	AL	158	92	141	153	115	134	158	95	140
	ORL	158	169	164	209	183	206	202	176	196
	Total	158	107	143	204	157	195	173	118	159
Ernakulam	AL	160	105	136	105	96	99	156	104	132
	ORL	187	190	188	290	276	288	282	259	279
	Total	163	111	141	280	199	265	231	139	203
Trichur	AL	155	116	135	145	100	109	154	111	129
	ORL	139	187	154	200	192	198	193	191	193
	Total	152	121	137	197	145	179	178	131	158
Palghat	AL	157	124	139	116	89	95	153	116	132
	ORL	218	244	223	244	216	239	238	223	235
	Total	166	129	147	226	127	187	189	128	161
Malappuram	AL	131	00	119	129	106	115	131	100	119
	ORL	148	156	149	153	160	154	152	160	154
	Total	133	103	123	151	143	149	143	119	136
Kozhikode	AL	167	99	151	131	95	112	165	99	147
	ORL	178	207	194	171	201	175	171	201	175
	Total	167	105	152	170	180	171	169	139	163
Wayanad	AL	149	163	155	148	150	150	149	162	155
	ORL	152	144	145	160	153	158	164	151	159
	Total	148	162	156	159	152	156	152	160	156
Cannanore	AL	147	104	128	145	98	117	146	103	127
	ORL	197	218	208	197	247	212	197	234	211
	Total	153	125	141	189	192	190	165	143	165

ALHH: Agricultural Labour Household, ORLHH: Other Rural Labour Household.

6.20 Average daily wage earnings of rural labourers

State District	Labour status	ALHH		ORLHH		ALL RLHH		
		Male	Female	Male	Female	Male	Female	Total
1	2	3	4	5	6	7	8	9
State	AL	15.92	10.86	16.92	10.83	15.93	10.86	14.15
	ORL	16.50	11.86	18.03	12.63	17.87	12.55	16.42
	Total	15.99	11.04	17.87	12.28	16.99	11.57	15.32
Trivandrum	AL	16.35	13.08	16.74	12.28	16.47	12.80	15.78
	ORL	18.60	14.08	18.61	11.43	18.61	13.28	17.02
	Total	16.64	13.38	18.22	13.13	17.66	13.13	16.51
Quilon	AL	16.95	11.83	15.10	11.63	16.77	11.81	15.67
	ORL	16.91	11.05	17.76	12.00	17.67	11.71	15.27
	Total	16.95	11.50	17.49	11.98	17.22	11.75	15.45
Alleppey	AL	17.48	10.31	17.68	10.99	17.49	10.40	15.09
	ORL	17.89	13.29	18.56	13.04	18.51	13.08	16.24
	Total	17.52	11.14	18.52	12.88	18.09	12.18	15.80
Idukki	AL	13.91	12.38	13.04	11.35	13.90	12.35	13.25
	ORL	13.81	12.35	18.88	13.47	17.61	13.19	16.33
	Total	13.91	12.38	18.63	12.84	14.44	12.42	13.63
Kottayam	AL	14.15	10.72	15.87	10.65	14.22	10.70	13.57
	ORL	16.11	12.76	17.08	13.99	16.96	13.36	16.26
	Total	14.30	11.34	17.00	13.03	15.35	11.83	14.08
Ernakulam	AL	16.50	11.18	13.56	9.12	16.45	10.84	14.44
	ORL	17.90	11.84	18.39	12.20	18.36	12.14	17.54
	Total	16.68	11.26	18.34	11.57	17.85	11.40	16.50
Trichur	AL	18.32	12.18	17.63	13.18	18.25	12.43	15.42
	ORL	15.96	11.99	19.33	14.06	19.04	13.70	17.85
	Total	17.97	12.16	19.25	13.76	18.78	13.03	16.78
Palghat	AL	11.82	8.53	11.79	8.69	11.81	8.55	10.15
	ORL	13.19	8.94	13.87	9.49	13.74	9.34	12.95
	Total	12.07	8.56	13.72	9.10	12.85	8.71	11.28
Malappuram	AL	16.53	11.57	17.03	11.08	16.56	11.47	14.87
	ORL	17.69	12.42	17.78	11.66	17.17	11.75	16.60
	Total	16.71	11.66	17.74	11.53	17.30	11.59	15.85
Kozhikode	AL	16.48	12.15	16.81	11.97	16.49	12.12	15.73
	ORL	18.67	9.34	18.85	13.20	18.84	12.92	17.97
	Total	16.56	11.89	18.80	13.07	17.93	12.57	17.09
Wayanad	AL	17.20	11.40	13.01	11.08	17.12	11.37	14.29
	ORL	18.01	11.09	20.30	16.39	20.19	15.00	18.38
	Total	17.21	11.38	19.83	14.31	17.76	11.86	15.09
Cannanore	AL	17.02	9.68	15.02	10.33	16.87	9.76	14.24
	ORL	17.15	11.46	18.36	12.23	18.07	11.90	15.39
	Total	17.04	10.25	17.97	11.87	17.38	10.82	14.76

6.21 Average daily wage rates of skilled labour in the construction sector (urban)

(Rs.)

District	Carpenter I class							Mason I class						
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Trivandrum	18.70	22.48	26.88	28.18	35.60	37.80	45.00	18.78	22.78	26.88	28.13	35.75	37.76	45.00
Quilon	19.75	23.28	30.75	36.75	40.00	40.43	47.00	19.95	23.43	31.00	36.75	40.00	40.43	47.00
Pathanamthitta	-	-	-	-	-	40.61	46.63	-	-	-	-	-	46.04	48.13
Alleppey	19.07	22.55	31.38	35.45	38.45	42.63	48.45	19.15	22.68	31.40	35.20	38.47	42.25	48.13
Kottayam	19.50	23.28	29.93	35.79	37.24	40.88	42.90	19.62	23.28	29.43	35.75	37.09	40.75	43.88
Idukki	19.55	23.33	32.92	34.82	36.42	39.00	48.90	19.83	23.15	32.17	35.36	36.42	40.13	48.88
Ernakulam	18.50	21.58	28.20	34.38	36.25	40.40	42.95	18.50	21.60	28.12	34.38	36.25	40.85	43.85
Trichur	19.19	22.85	31.39	38.57	41.15	44.50	46.09	19.87	23.94	32.24	38.75	40.62	43.88	45.67
Palghat	16.80	19.38	26.95	29.50	31.96	33.13	40.00	16.65	19.88	27.78	30.18	32.32	33.00	38.13
Malappuram	18.97	23.06	31.31	36.56	39.73	41.72	46.21	18.98	22.84	31.50	36.79	39.51	44.15	47.44
Kozhikode	21.40	24.75	35.00	40.00	41.25	45.00	45.00	21.45	24.75	35.00	40.00	41.25	45.00	45.00
Wayanad	-	-	-	-	-	40.38	45.63	-	-	-	-	-	46.13	47.13
Cannanore	21.14	25.00	32.75	35.00	39.58	42.25	45.25	20.81	24.75	33.25	35.00	40.65	45.82	48.65
State	19.33	22.87	30.68	35.00	37.97	40.67	45.39	19.36	23.01	30.80	35.12	38.03	42.01	45.91

6.22 Average daily wage rates of skilled labour in the construction sector (rural)

[Rs.]

District	Carpenter i class							Mason I class						
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivandrum	18.36	22.28	27.14	30.00	33.42	32.94	40.33	19.15	22.95	26.43	29.00	30.42	33.67	40.30
Quilon	19.33	23.14	28.17	34.50	38.66	41.91	46.33	19.30	23.14	28.17	34.50	38.66	41.83	46.25
Pathanamthitta	-	-	-	-	-	41.98	46.45	-	-	-	-	-	41.72	45.34
Alleppey	18.40	22.36	28.20	32.36	35.91	39.47	42.81	18.59	22.47	28.11	32.11	36.24	39.61	44.11
Kottayam	18.72	22.64	27.95	35.27	37.19	41.58	45.71	18.72	22.64	28.34	35.55	37.19	39.93	45.72
Idukki	19.41	23.42	27.89	33.62	37.96	43.47	46.31	19.64	23.47	28.35	33.64	37.91	43.64	46.81
Ernakulam	18.50	21.56	27.22	34.17	36.25	40.08	41.59	18.50	22.50	27.92	34.17	36.25	40.36	42.36
Trichur	19.33	23.38	30.22	37.26	40.89	44.53	46.01	19.45	23.45	31.06	37.50	40.62	44.41	46.28
Palghat	15.77	19.90	25.64	27.64	29.95	33.64	36.56	16.11	19.96	26.00	27.50	29.52	33.67	36.56
Malappuram	17.88	21.69	28.91	35.79	38.91	42.23	45.13	17.67	21.62	28.22	35.88	39.18	44.55	46.93
Kozhikode	20.47	24.39	31.58	38.33	40.83	43.33	43.33	20.25	24.25	31.83	38.33	40.83	43.33	43.33
Wayanad	-	-	-	-	-	45.13	46.67	-	-	-	-	-	45.13	46.67
Cannanore	18.96	22.92	25.00	28.75	36.87	41.58	43.42	18.89	22.86	25.00	27.75	36.35	42.49	44.44
State	18.66	22.52	27.99	33.43	36.71	40.91	43.90	18.75	22.66	28.13	33.29	36.65	41.10	44.24

6.23 Average daily wage rates of unskilled labour in the construction sector (urban)

[Rs.]

District	Male							Female						
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivandrum	12.42	16.10	16.93	17.35	22.10	23.43	24.70	10.85	11.20	11.58	11.78	13.50	17.57	20.10
Quilon	13.20	15.25	19.65	22.38	23.62	25.98	31.10	10.82	12.88	17.45	20.38	20.92	22.25	25.80
Pathanamthitta	-	-	-	-	-	26.88	29.13	-	-	-	-	-	19.31	20.81
Alleppey	13.60	16.00	20.60	21.63	23.42	27.32	32.45	11.70	13.85	16.83	17.60	19.20	23.78	25.32
Kottayam	12.52	14.40	18.30	20.93	21.12	24.40	27.33	10.64	12.08	15.73	17.80	17.97	19.67	21.59
Idukki	13.41	17.01	18.64	19.86	19.92	23.26	26.13	10.03	13.24	14.80	14.93	15.76	18.00	20.81
Ernakulam	13.12	15.43	16.00	19.50	21.25	25.75	29.62	9.75	10.88	12.00	13.98	14.57	16.50	21.06
Trichur	12.63	16.25	21.59	24.40	25.97	28.38	30.11	9.60	12.45	14.33	16.48	17.65	19.51	26.13
Palghat	9.65	12.20	13.70	14.58	15.64	17.15	19.45	7.01	9.15	9.38	9.38	9.80	11.88	13.65
Malappuram	12.56	15.97	20.88	24.85	25.25	27.13	30.00	9.98	11.69	15.00	18.00	19.25	22.41	24.50
Kozhikode	15.80	18.50	23.75	27.50	28.75	31.50	31.50	11.37	13.50	18.75	22.38	23.75	25.75	25.50
Wayanad	-	-	-	-	-	23.90	26.13	-	-	-	-	-	15.03	16.93
Cannanore	14.85	18.25	20.00	20.00	23.76	29.03	31.76	10.67	13.50	13.00	14.00	17.79	20.81	22.95
State	13.07	15.94	19.09	21.18	22.80	25.70	28.42	10.22	12.22	14.44	16.10	17.38	19.42	21.93

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6.24 Average daily wage rates of unskilled labour in the construction sector (rural)

[Rs.]

District	Male							Female						
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivandrum	12.19	16.42	16.19	16.36	18.00	22.08	24.39	10.89	11.80	12.00	12.08	12.50	17.94	19.89
Quilon	11.94	14.64	18.22	21.56	23.08	26.05	30.42	10.25	12.64	16.28	19.56	20.00	21.69	25.08
Pathanamthitta	-	-	-	-	-	25.42	28.84	-	-	-	-	-	20.87	24.73
Alleppey	12.72	15.33	19.00	20.83	22.02	25.96	29.67	9.89	12.09	15.31	16.03	16.63	19.34	23.61
Kottayam	12.36	14.17	16.83	21.25	21.58	25.45	26.60	10.44	11.92	-	-	18.16	20.00	20.75
Idukki	12.45	13.69	15.40	18.51	19.20	23.28	25.00	9.62	11.13	11.99	13.58	14.98	18.09	19.50
Ernakulam	11.50	14.75	16.00	19.50	21.25	25.83	29.11	8.50	10.61	12.00	13.42	14.36	16.19	20.50
Trichur	12.63	16.07	22.94	26.53	27.49	29.65	31.26	9.16	12.37	14.07	15.26	16.81	20.36	21.08
Palghat	9.22	11.52	12.58	14.22	14.97	15.80	17.50	6.71	7.38	8.67	9.34	10.11	11.58	12.84
Malappuram	11.47	15.56	20.47	22.92	25.24	28.30	29.29	9.03	10.57	15.00	16.34	19.00	23.19	24.38
Kozhikode	15.33	18.22	20.75	23.00	24.00	29.33	29.33	11.53	12.89	17.94	20.00	21.50	25.00	25.00
Wayanad	-	-	-	-	-	22.94	25.61	-	-	-	-	-	13.97	15.53
Cannanore	13.50	17.00	18.00	18.50	24.07	28.90	32.52	9.78	12.00	12.00	12.50	16.03	19.76	21.18
State	12.30	15.22	17.85	20.29	21.90	25.31	27.66	9.62	11.40	13.53	14.81	16.37	19.08	21.05

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6.25 Agricultural wages - yearly average

Category	Wages			
	1984-85	1985-86	1986-87	1987-88
1	2	3	4	5
Skilled labour				
Carpenter	38.74	42.84	45.93	47.50
Mason	38.69	42.80	45.93	47.21
Paddy field labour				
Men	23.60	26.08	28.36	30.36
Women	11.89	15.10	16.39	17.68
Other agricultural labour				
Men	23.45	25.96	29.17	30.89
Women	15.98	19.13	20.71	22.63

6.26 Per capita average daily earnings of factory workers

Selected industry	1980	1981	1982	1983	1984	1985
1	2	3	4	5	6	7
Rice mill	12.67	12.08	20.54	21.23	18.63	20.46
Sugar	19.31	25.63	28.63	39.64	39.94	49.06
Edible oils	14.41	14.81	16.33	22.04	22.71	24.64
Tea factories	14.61	14.40	17.12	26.72	22.77	34.66
Cashew factories	9.88	12.08	14.51	22.02	15.63	16.38
Cotton textiles	21.35	23.13	27.03	26.69	33.30	35.50
Coir	16.78	19.09	23.34	19.36	25.34	25.90
Umbrellas	11.95	11.48	19.12	17.12	20.44	13.61
Saw mills	13.93	12.67	16.94	20.36	21.89	22.41
Plywood, splints & veneers	9.25	9.73	11.35	20.93	19.04	17.55
Furniture & fixtures	18.90	22.18	25.07	35.13	29.06	24.23
Printing & publishing	18.92	22.33	22.03	28.57	34.71	38.87
Tyres and tubes	19.67	27.34	29.60	23.83	42.26	21.89
Rubber	18.68	18.45	26.00	18.00	27.70	25.68
Artificial manures	37.00	25.13	32.15	27.02	51.63	42.09
Pharmaceuticals	23.72	27.32	29.69	23.47	17.25	33.85
Matches	8.03	7.91	8.71	10.62	11.55	14.01
Soaps	26.94	33.41	27.57	29.90	21.99	46.90
Bricks and tiles	16.19	20.76	24.04	18.05	27.92	27.35
Pottery china & earthen ware	17.45	20.42	22.78	25.64	33.72	34.65
Metal products	20.32	23.43	23.90	26.23	32.77	30.52
General jobbing engineering	18.44	20.46	25.20	32.79	29.32	27.71
Electrical machinery	26.94	29.40	31.91	22.02	44.30	40.52
Repair of motor vehicles	31.32	26.90	26.17	32.09	31.92	37.84
Sanitary services	-	10.00	27.93	-	31.82	38.03

VII. TRANSPORT AND COMMUNICATIONS

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7.1 Length of roads in Kerala

[in km.]

Highways	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
1	2	3	4	5	6	7	8
1. National highways	839	839	839	839	839	839	839
2. a) State highways	2055	2079	2082	2026	2039	2020	2020
b) Other P.W.D. roads	12783	13548	13647	13459	13689	14776	14587
c) Village roads	2327	2041	2220	3338	3379	2663	3143
3. Panchayat roads	73188	75161	72990	80919	81515	81539	84409

7.2 District-wise length of P.W.D. roads in Kerala

[in km.]

District	State highways				Major dist. roads				Other dist. roads				Village roads				Total			
	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Trivandrum	117	117	117	117	202	281	281	293	1018	1044	1060	1176	71	140	144	95	1488	1582	1602	1681
Quilon	270	167	167	167	696	403	411	418	1267	1036	1102	1155	230	-	-	-	2463	1606	1680	1740
Pathanamthitta	-	173	173	173	-	459	498	458	-	659	656	656	-	131	130	138	-	1420	1416	1424
Alleppey	102	111	111	111	243	123	123	123	832	582	595	606	-	38	92	107	1257	855	921	947
Kottayam	288	258	258	258	651	677	683	677	856	918	918	918	-	99	102	126	1765	1953	1962	1920
Idukki	371	320	340	337	507	534	534	541	434	349	359	373	-	401	391	378	1312	1624	1624	1629
Ernakulam	186	187	162	162	801	766	795	795	724	853	918	927	76	79	20	36	1787	1885	1894	1919
Trichur	186	186	186	186	490	502	502	502	671	671	671	696	72	53	110	98	1419	1452	1468	1481
Paighat	149	148	155	155	595	596	714	714	281	281	422	422	276	295	159	166	1295	1319	1449	1457
Malappuram	161	162	162	162	399	400	400	400	285	361	407	395	308	533	501	539	1153	1457	1470	1495
Kozhikode	57	65	65	68	339	309	309	309	125	214	214	220	451	599	607	607	972	1187	1195	1204
Wayanad	40	40	40	40	325	293	328	328	116	118	141	141	36	129	72	72	517	581	581	581
Cannanore	84	55	55	55	322	238	282	296	524	342	1065	634	507	339	-	415	1737	1395	1403	1400
Kasaragod	-	29	29	29	-	83	83	85	-	598	346	332	-	503	336	366	-	793	795	812
State	2011	2039	2020	2020	5650	5662	5904	5937	7133	8027	8872	8650	2327	3379	2663	3143	17165	19109	19459	19750

Source: PWD

7.3 Distribution of P.W.D. roads (division-wise) as on 1-4-87

Division	[in km.]				
	State highways	Major district roads	Other district roads	Village roads	Total
1	2	3	4	5	6
Trivandrum	117	293	1176	95	1681
Quilon	167	418	1155	-	1740
Pathanamthitta	173	458	656	138	1424
Alleppey	111	123	606	107	947
Kottayam	258	677	918	126	1920
Idukki	272	541	373	378	1564
Muvattupuzha	121	485	500	36	1141
Ernakulam	41	310	427	-	778
Trichur	186	502	696	98	1481
Palghat	155	714	422	166	1457
Manjeri	162	400	395	539	1495
Calicut	68	309	220	607	1204
Wayanad	40	328	141	72	581
Cannanore	55	296	634	415	1400
Kasaragod	29	85	332	366	812
Kerala newsprint project	65	-	-	-	65
State	2020	5937	8650	3143	19750

7.4 District-wise length of roads maintained by P.W.D. by type as on 1-4-87

Division	[in km.]				
	Cement concrete	Black topped	Water bound mecadam	Others	Total
1	2	3	4	5	6
Trivandrum	-	1527.57	65.03	88.63	1681.23
Quilon	0.27	1349.36	216.65	174.56	1740.84
Pathanamthitta	0.80	1211.74	60.22	151.47	1424.23
Alleppey	0.80	774.42	30.01	141.52	946.75
Kottayam	16.00	1759.00	52.57	152.68	1980.25
Idukki	-	975.70	116.94	535.89	1628.53
Ernakulam	0.57	1689.28	108.13	121.39	1819.37
Trichur	3.39	1371.19	19.97	86.30	1480.85
Palghat	-	1201.27	76.73	178.50	1456.50
Malappuram	-	1071.46	38.96	385.00	1495.42
Kozhikode	-	528.06	63.48	312.61	1204.15
Wayanad	-	495.47	16.70	68.63	580.80
Cannanore	3.82	999.99	3.66	392.90	1400.37
Kasaragod	-	561.69	14.96	235.08	811.73
State	25.65	15816.20	884.01	3025.16	19751.02

Source: PWD

7.5 Surface length of P.W.D. roads

Classification of roads	[in km.]																			
	Cement		Black topped				Water bound macadam				Others				Total					
	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87	80-81	84-85	85-86	86-87
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
State highway	28	31	22	18	2027	1995	1985	1989	-	13	13	13	-	-	-	-	2055	2039	2020	2020
Major district roads	9	8	8	8	5356	5494	5747	5793	227	129	114	95	58	32	35	41	5650	5662	5904	5937
Other district roads	-	-	-	-	4963	6642	7001	7316	1070	705	685	586	1100	679	1197	747	7133	8027	8872	8650
Village roads	-	-	-	-	569	617	499	718	567	504	332	190	1191	2258	1831	2236	2327	3379	2663	3143
Total	37	39	30	26	12905	14748	15233	15816	1864	1351	1144	884	2349	2969	3053	3024	17165	19107	19459	19750

Source: PWD

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7.6 Roads maintained by panchayats in kerala

[in km.]

Year	Black topped	Mettalled	Earthern	Total
1	2	3	4	5
1980-81	3854	19859	49475	73188
1981-82	2800	25783	46578	75161
1982-83	3031	24837	45122	72990
1983-84	3375	29098	48446	80919
1984-85	4316	25888	51311	81515
1985-86	5256	27966	48317	81539
1986-87	4222	28485	51703	84409

Source: Directorate of panchayats

7.7 Typewise length of roads under panchayats as on 1-4-1987

[in km.]

District	Black topped & mettalled	Gravelled	Earthern	Total
1	2	3	4	5
Trivandrum	285	2451	6233	8969
Quilon	121	6693	6458	13272
Pathanamthitta	51	1408	3968	5427
Alleppey	48	2379	2139	4566
Kottayam	367	1140	2931	4438
Idukki	43	422	3991	4456
Ernakulam	304	1567	3475	5346
Trichur	800	4375	4221	9396
Palghat	737	1133	3370	5240
Malappuram	295	1407	3931	5633
Kozhikode	216	1625	2871	4712
Wayanad	587	182	1568	2337
Cannanore	181	1729	4722	6632
Kasaragod	186	1974	1825	3985
State	4221	28485	51703	84409

Source: Directorate of panchayats

7.8 Number of motor vehicles on road in kerala

Year	Goods vehicles	Buses*	Taxi cars	Motor cars	Autorikshaws	Tractor	Jeep	Motor cycles	Others	Total
1	2	3	4	5	6	7	8	9	10	11
1970-71	13162	6563	8848	33294	1062	2046	4828	15117	1314	86234
1975-76	15882	8268	11582	40667	3734	3594	6420	26110	1819	118076
1980-81	24682	9159	18890	56802	9640	1853	7834	59531	6206	194597
1981-82	27664	11030	21569	60412	12727	1946	9030	70498	5857	220733
1982-83	31685	12320	23763	64147	15045	2309	10110	81838	5706	246923
1983-84	34258	13647	25597	68511	17724	2375	11839	96478	6551	276980
1984-85	40869	15234	28189	75731	24383	2520	12972	111629	7732	319259
1985-86	45325	16449	30201	82222	30537	3268	14721	130992	7902	361617
1986-87	51284	16704	32458	89023	35838	3457	17012	159863	8671	414310
1987-88	57388	18121	33856	101731	44116	3657	19893	185349	9678	473789

Source: Motor vehicles dept.

* include stage carriages, contract carriages/omni buses

7.9 Number of different kinds of motor vehicles on road in kerala - district-wise

District	Year	Good vehicles	Stage carriage	Taxi cars	Motor cars	Motor cycle & scooters	Auto rickshaws	Tractors trailers	Jeeps	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12
Trivandrum	1982-83	3399	551	2414	13848	17052	2100	150	1999	779	42292
	1983-84	3462	694	2414	14342	19095	2522	153	2158	842	45682
	1984-85	3680	816	2441	14861	21765	3422	180	2358	954	50477
	1985-86	3973	1062	2444	15927	25181	5038	191	2355	1087	57258
	1986-87	4549	1279	2537	17234	30522	5793	191	2822	1224	66151
	1987-88	5087	1462	2515	18538	36028	5993	191	2841	1263	73918
Quilon	1982-83	4167	690	2800	7831	6666	464	191	848	242	23899
	1983-84	4399	791	3076	8358	7792	543	192	879	267	26297
	1984-85	4746	867	3317	8909	8856	733	212	905	291	28836
	1985-86	5118	892	4015	9748	11951	999	152	940	397	34212
	1986-87	5573	925	4719	10707	15353	1464	164	983	464	40352
	1987-88	6042	1044	4781	11507	18260	2013	192	1157	489	45485
Pathanamthitta	1982-83	562	91	528	673	277	1	-	85	6	2223
	1983-84	578	132	1315	1229	1445	312	6	231	18	5266
	1984-85	2851	378	1685	3475	1761	307	7	309	57	10830
	1985-86	3330	413	1685	4708	2260	428	32	411	49	13316
	1986-87	3747	478	1842	5043	4367	885	51	440	60	16913
	1987-88	4125	469	1837	5601	6474	1359	69	636	81	20651
Alleppey	1982-83	1845	514	2390	5951	7075	723	35	290	226	19049
	1983-84	2051	575	2440	6158	8110	827	33	302	272	20768
	1984-85	2384	664	2440	6430	9198	1085	34	318	303	22856
	1985-86	2440	725	2645	6689	10407	1449	282	318	70	25025
	1986-87	2666	850	2835	6747	12296	1840	329	344	87	27994
	1987-88	2863	906	3067	6809	14058	2074	358	373	90	30598

(table 7.9 contd.)

1	2	3	4	5	6	7	8	9	10	11	12
Kottayam	1982-83	3008	734	2091	3554	4299	1011	124	792	473	16086
	1983-84	3238	817	2086	3845	5199	1276	126	973	534	18094
	1984-85	3397	874	2097	4130	5466	1697	130	1120	614	19525
	1985-86	3580	951	2116	4400	5759	2193	524	1245	273	21041
	1986-87	3853	1026	2155	4635	7591	2791	545	1470	290	24356
	1987-88	4310	1105	2206	5190	10260	3338	548	1620	293	28870
Idukki	1982-83	1410	245	983	1143	1033	39	165	723	115	5856
	1983-84	1597	278	1144	1206	1153	46	155	856	121	6556
	1984-85	1339	300	1120	1202	627	79	153	658	175	5713
	1985-86	1716	357	1335	1807	1302	161	172	1045	202	8097
	1986-87	1898	398	1474	1965	1523	202	168	1081	255	8964
	1987-88	2009	346	1713	2125	1802	241	197	1262	267	9962
Ernakulam	1982-83	5195	1172	2200	11456	17074	2738	470	825	768	41898
	1983-84	5992	1361	2342	12285	19929	2980	476	983	980	47328
	1984-85	6571	1524	2573	12985	22989	3539	478	1159	1215	53035
	1985-86	7235	1636	2829	14222	26430	3832	621	1498	1308	59611
	1986-87	8655	1718	2990	15017	32027	4135	739	1583	1397	68261
	1987-88	10421	1822	3223	16135	34627	4618	823	1652	1459	74780
Trichur	1982-83	3141	1299	3557	4643	9614	1315	306	319	516	24710
	1983-84	3324	1411	3802	4793	11578	1623	298	349	618	27796
	1984-85	3800	1471	4567	5217	13673	2428	301	374	801	32632
	1985-86	4223	1619	4793	5461	15650	3360	577	392	618	36693
	1986-87	4980	1899	4877	6838	17687	4173	678	494	628	42254
	1987-88	5962	2182	5185	7576	21682	5739	848	586	700	50460

(contd.)

(table 7.9 contd.)

1	2	3	4	5	6	7	8	9	10	11	12
Palghat	1982-83	1560	601	907	3398	5904	740	323	344	1431	15208
	1983-84	1753	677	910	3527	6563	896	342	366	1553	16627
	1984-85	1982	846	884	3978	7802	1209	389	406	1811	19307
	1985-86	2032	989	613	3803	8491	1418	1853	421	421	20041
	1986-87	2243	1016	1261	4264	10079	1816	1905	645	430	23659
	1987-88	2338	1042	1476	4534	11687	2099	1989	689	465	26319
Malappuram	1982-83	1477	635	2243	2723	1690	654	81	636	393	10532
	1983-84	1480	681	2228	3247	2234	868	82	1149	380	12329
	1984-85	1978	714	2695	3425	2391	1342	89	1350	368	14352
	1985-86	2501	775	3041	3698	2690	1917	246	1544	193	16605
	1986-87	2751	871	3044	3883	3429	2462	273	1845	228	18786
	1986-87	3102	921	3017	4088	4140	3213	306	2389	227	21403
Kozhikode	1982-83	2750	897	1460	4946	6411	1408	115	1834	378	20199
	1983-84	2997	996	1573	5147	7924	1551	121	2024	551	22884
	1984-85	3523	1116	1611	5658	9524	1976	125	2206	668	23407
	1985-86	3912	1254	1649	5938	11117	2364	177	2388	649	29448
	1986-87	4295	1347	1674	6185	13068	2631	183	2565	660	32608
	1987-88	5264	1454	1750	12701	12645	4140	177	3464	1003	42598
Wayanad	1982-83	515	27	371	160	447	131	251	564	25	2491
	1983-84	544	27	407	171	575	214	291	633	36	2898
	1984-85	690	41	507	184	877	343	319	728	53	3742
	1985-86	903	69	742	205	1055	482	40	841	366	4703
	1986-87	975	105	675	289	1383	535	43	930	431	5366
	1987-88	998	117	686	336	1683	559	49	1003	487	5918

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(contd.)

(table 7.9 contd.)

1	2	3	4	5	6	7	8	9	10	11	12
Cannanore	1982-83	2650	1088	1819	3813	4292	3721	98	818	314	18613
	1983-84	2837	1252	1860	4195	4877	4066	100	903	357	20447
	1984-85	3053	1115	1871	4314	5456	4516	103	993	377	21798
	1985-86	3342	1175	1879	4558	7098	4631	8	1176	611	24478
	1986-87	3609	1305	1882	4770	8103	4990	9	1358	635	26661
	1987-88	3816	1409	1897	5064	9048	5381	13	1525	668	28821
Kasaragod	1984-85	609	324	381	955	1240	1707	-	55	43	5514
	1985-86	1014	359	415	1050	1597	2265	48	114	1	6863
	1986-87	1484	366	493	1438	2431	2121	56	419	3	8811
	1987-88	1045	388	503	1519	2951	3349	78	663	3	10499
Trivandrum KSRTC	1982-83	6	3776	-	8	4	-	-	33	40	3867
	1983-84	6	3955	-	8	4	-	-	33	2	4008
	1984-85	6	4184	-	8	4	-	-	33	2	4237
	1985-86	6	4173	-	8	4	-	-	33	2	4226
	1986-87	6	3121	-	8	4	-	-	33	2	3174
	1987-88	6	3454	-	8	4	-	-	33	2	3507
State	1982-83	31685	12320	23763	64147	81838	15045	2309	10110	5706	246923
	1983-84	34258	13647	25547	68511	96478	17724	2375	11839	6551	276980
	1984-85	40869	15234	28189	75731	111629	24383	2520	12972	7732	319259
	1985-86	45325	16449	30201	82222	130992	30537	4923	14721	6247	361617
	1986-87	51284	16704	32458	89023	159863	35838	5334	17012	6794	414310
	1987-88	57388	18121	33856	101731	185349	44116	5838	19893	7497	473789

7.10 Road accidents in Kerala 1978-79 to 1987-88

Year	Total no. of vehicles	Total no. of accidents	Accident rate (No. of accidents per 100 vehicles)	No. of persons killed	No. of persons injured
1	2	3	4	5	6
1978-79	154595	7018	5	1057	7514
1979-80	174704	7269	4	1204	8977
1980-81	194397	7064	4	1186	9913
1981-82	220741	7729	4	1160	9056
1982-83	246923	7438	3	1289	10418
1983-84	276980	8815	3	1551	11994
1984-85	319259	9983	3	1598	14070
1985-86	361617	10348	3	1560	14441
1986-87	414310	11744	3	1517	16282
1987-88	473789	13561	3	1678	18363

7.11 Post offices in Kerala

Year	Head offices	Sub offices & extra deptl. sub-offices	Branch and mobile post office	Total
1	2	3	4	5
1980-81	50	2089	2441	4581
1981-82	51	2110	2486	4647
1982-83	51	2126	2501	4678
1983-84	51	2187	2511	4749
1984-85	51	2026	2674	4751
1985-86	50	2027	2671	4748
1986-87	50	1971	2727	4748
1987-88	50	1971	2761	4782

Source: PMG

Includes 10 post offices in Lakshadweep and 4 in Mahi.

7.12 Division-wise distribution of post offices in Kerala on 1-4-1988

Divisions	Head offices	Sub-offices	E.D.sub-offices	Branch offices	Mobile post offices	Total
1	2	3	4	5	6	7
1. Trivandrum (north)	2	76	8	108	-	194
2. " (south)	2	65	16	124	-	207
3. Qullon	3	83	33	107	-	226
4. Pathanamthitta	3	62	47	143	-	255
5. Mavelikkara	1	41	21	43	-	106
6. Alleppey	3	65	44	57	-	169
8. Thiruvalla	2	58	29	54	-	143
8. Changanacherry	2	46	12	92	-	152
9. Kottayam	3	80	44	137	-	264
10. Idukki	2	52	13	203	-	270
11. Ernakulam	2	70+6*	5+3*	56+1*	-	133+10*
12. Alwaye	3	67	34	131	-	235
13. Irinjalakuda	2	62	23	102	-	189
14. Trichur	3	103	33	156	-	295
15. Palghat	3	86	21	116	-	226
16. Otlappalam	1	52	23	137	-	213
17. Manjeri	2	44	21	163	-	230
18. Tirur	2	51	23	91	-	167
19. Calicut	2	74	14	199	-	289
20. Badagara	2	40+1**	35+2**	124+1**	-	201+4**
21. Tellicherry	1	43	8	136	-	188
22. Cannanore	2	54	14	98	-	168
23. Kasaragod	2	36	28	182	-	248
Total	50	1417	554	2761	-	4782

Source: PMG

* Located in the union territory of Lakshadweep

** located in the Mahe (Pondicherry State)

7.13 Telephone exchanges and telephone connections in Kerala

Year	No. of telephone exchanges	No. of working telephone connections	Public call offices
1	2	3	4
1980-81	463	93302	2298
1981-82	491	99753	2410
1982-83	516	119427	2526
1983-84	545	130488	2649
1984-85	561	137610	2766
1985-86	584	151761	2858
1986-87	599	167314	2932

Source: General manager, telecom. Kerala.

VIII. EDUCATION

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8.1 Number of schools for general education

Year	Lower primary schools			Upper primary schools**			High schools**		
	Govt.	Private*	Total	Govt.	Private*	Total	Govt.	Private*	Total
1	2	3	4	5	6	7	8	9	10
1970-71	2823	4063	6886	811	1733	2544	442	942	1384
1975-76	2910	4065	6975	880	1726	2606	566	955	1521
1980-81	2712	4149	6861	867	1886	2753	789	1187	1976
1981-82	2657	4150	6807	882	1884	2766	893	1194	2087
1982-83	2651	4137	6788	884	1888	2772	902	1341	2243
1983-84	2652	4190	6842	890	1933	2823	912	1426	2338
1984-85	2624	4225	6849	906	1951	2857	934	1470	2404
1985-86	2617	4228	6845	915	1955	2870	934	1495	2429
1986-87	2608	4220	6828	926	1959	2885	938	1499	2437
1987-88	2606	4211	6817	928	1957	2885	939	1492	2431

Source: Directorate of Public Instruction (DPI)

* Includes private un-aided schools

** Includes anglo indian schools.

8.2 Number of schools for general education (district-wise) 1985-86 to 1987-88

District	Lower primary schools				Upper primary schools				High schools				Grand total	
	Govt. aided	private aided	Private unaided	Total	Govt. aided	Private aided	Private unaided	Total	Govt. aided	Private aided	Private unaided	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1985-86														
Trivandrum	307	182	18	507	99	106	7	212	114	94	17	225	944	
Quilon	282	191	10	483	58	144	7	209	73	123	6	202	894	
Pathanamthitta	172	244	16	432	42	84	7	133	47	113	5	165	730	
Alleppey	202	199	15	416	67	78	2	147	55	126	4	185	748	
Kottayam	178	281	25	484	66	130	2	198	57	166	11	284	916	
Idukki	74	142	4	220	43	63	4	110	53	70	5	128	458	
Ernakulam	199	282	20	501	88	100	14	202	88	172	24	279	982	
Trichur	126	400	9	535	53	167	5	225	74	149	12	235	995	
Palghat	197	351	10	558	54	160	6	220	56	74	8	138	916	
Malappuram	343	480	4	827	108	225	3	336	81	73	5	159	1322	
Kozhikode	189	542	2	733	76	240	6	322	64	94	7	165	1220	
Wayanad	70	52	4	126	31	40	1	72	33	22	2	57	255	
Cannanore	132	622	5	759	63	279	-	342	80	71	1	152	1253	
Kasaragod	146	115	3	264	67	72	-	141	64	33	1	98	503	
State	2617	4083	145	6845	915	1890	64	2869	934	1380	108	2422	12136	

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(contd.)

(table 8.2 contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1986-87														
Trivandrum		307	182	17	506	99	105	7	211	115	94	17	226	943
Quilon		283	191	10	484	59	143	8	210	73	125	6	204	898
Pathanamthitta		172	244	15	431	42	84	8	134	47	113	5	165	730
Alleppey		201	199	14	414	68	78	2	148	55	126	4	185	747
Kottayam		177	281	25	483	66	130	3	199	58	166	12	236	918
Idukki		72	142	3	217	45	64	5	114	53	70	5	128	459
Ernakulam		198	280	18	496	88	101	13	202	85	173	23	281	979
Trichur		126	400	10	536	53	167	6	226	74	149	13	236	998
Palghat		197	351	10	558	54	159	6	219	56	74	8	138	915
Malappuram		343	479	4	826	108	225	4	337	81	73	5	159	1322
Kozhikode		188	540	1	729	77	241	6	324	64	94	7	165	1218
Wayanad		69	52	5	126	32	40	1	73	33	22	2	57	256
Cannanore		129	623	5	757	67	278	-	345	30	71	1	152	1254
Kasaragod		146	115	4	265	68	74	-	142	64	33	1	98	505
State*		2608	4079	141	6828	926	1889	69	2884	938	1383	109	2430	12142
1987-88														
Trivandrum		307	182	17	506	99	105	7	211	115	94	17	226	943
Quilon		283	191	9	483	59	143	7	209	73	125	6	204	896
Pathanamthitta		172	243	13	428	42	84	8	134	47	113	5	165	727
Alleppey		201	199	15	415	68	78	2	148	55	126	4	185	748
Kottayam		177	281	23	481	66	130	4	200	58	166	12	236	917
Idukki		72	142	3	217	45	64	4	113	53	70	6	129	459
Ernakulam		198	280	18	496	88	101	13	202	85	173	23	281	979
Trichur		126	400	9	535	53	167	7	227	75	148	13	236	998
Palghat		195	351	10	556	54	159	6	219	56	74	8	138	913
Malappuram		343	478	4	825	108	225	4	337	81	73	5	159	1321
Kozhikode		188	538	1	727	77	241	6	324	64	94	7	165	1216
Wayanad		69	52	5	126	32	40	1	73	33	22	2	57	256
Cannanore		129	623	5	757	68	278	-	346	80	71	1	152	1255
Kasaragod		146	115	4	265	69	73	-	142	64	33	1	98	505
State*		2606	4075	136	6817	928	1888	69	2885	939	1382	110	2431	21233

* Besides 7 Anglo Indian high schools and 1 Upper primary school.

8.3 Growth in the number of students in schools

Year	Students (in lakhs)				Index of growth			
	L.P.section	U.P.section	H.S.section	Total	L.P.section	U.P.section	H.S.section	Total
1	2	3	4	5	6	7	8	9
1960-61	20.57	8.82	3.31	32.70	100	100	100	100
1970-71	28.08	12.67	7.25	48.00	136	144	219	147
1980-81	25.94	16.94	13.14	56.02	126	192	397	171
1981-82	25.86	17.47	13.17	56.50	126	198	398	173
1982-83	25.48	17.82	13.15	56.45	124	202	397	173
1983-84	25.01	18.05	13.42	56.48	122	205	405	173
1984-85	25.28	17.89	13.65	56.82	123	203	412	174
1985-86	25.95	17.77	13.43	57.15	126	202	406	175
1986-87	25.87	17.90	13.41	57.18	126	203	405	175
1987-88*	26.19	18.05	13.54	57.78	127	205	409	177

Source: DPI

* provisional

8.4 Number of students in schools section-wise and district-wise

District	1985-86				1986-87				1987-88			
	LP section	UP section	HS section	Total	LP section	UP section	HS section	Total	LP section	UP section	HS section	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Trivandrum	228718	168031	139720	536469	227033	166214	139751	532998	237376	167061	145890	550327
Quilon	199269	147965	128414	475648	200372	149096	128307	477775	200914	149980	131136	482030
Pathanamthitta	91168	72183	67647	230998	91548	70832	65773	228153	91176	67980	59919	219075
Alleppey	173178	127144	109929	410251	153112	125000	106699	384811	153201	122985	106198	382384
Kottayam	146816	113991	98966	359773	147692	112209	99125	359026	142276	110159	96502	348937
Idukki	84384	64840	46602	195826	85261	65080	48638	198979	86694	64182	49501	200377
Ernakulam	216352	169214	139580	525146	220043	169010	137227	526280	218426	167294	134138	519858
Trichur	233150	169303	136189	538642	235977	168111	131518	535606	237455	165922	127106	530483
Palghat	221028	137888	88159	447075	221502	140273	89320	451095	234346	142229	91211	467786
Malappuram	349839	185189	105718	640746	342576	197209	107528	647313	357941	211564	113318	682823
Kozhikode	246271	171231	120270	537772	250264	170960	119540	540764	251615	174305	124788	550708
Wayanad	63107	39707	24765	127579	65736	41522	25973	133231	68222	41935	27059	137216
Cannanore	219019	142910	102381	464310	230985	149798	103881	484664	231891	152860	106943	491694
Kasaragod	123097	67480	35339	225916	114830	64385	37547	216762	117305	66473	40068	223846
State	2595396	1777076	1343679	5716151	2586931	1789699	1340827	5717457	2628838	1804929	1353777	5787544

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Source: DPI

8.5 Standard-wise strength of students in schools

Year	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
1	2	3	4	5	6	7	8	9	10	11	12
1970-71	800470	715429	668931	623723	552163	414988	338712	308697	259480	156547	4839140
1975-76	654149	670164	650727	695777	705896	528198	472650	406948	321036	179914	5285459
1980-81	631479	662039	645954	655331	603129	552573	538684	495738	468461	349565	5602953
1981-82	645879	652556	644470	643183	620825	574708	551681	492817	458145	366534	5650798
1982-83	626296	656747	630330	635367	613590	696179	572428	499482	455910	359944	5646273
1983-84	602800	640213	635631	622428	613588	595863	595921	523135	461165	357711	5648455
1984-85	617681	646809	632399	631420	614014	594629	579350	546204	476189	342381	5601076
1985-86	630639	681670	646121	636966	620686	590240	566152	532657	487514	323508	5716151
1986-87	614636	685581	658459	628305	623926	599092	566681	530900	488836	321091	5717457

8.6 Strength of scheduled caste students in schools

District	1984-85	1985-86	1986-87
1	2	3	4
Trivandrum	78926	78142	79107
Quilon	78950	73474	73006
Pathanamthitta	42162	42847	42896
Alleppey	47838	48669	46653
Kottayam	37857	41321	41385
Idukki	42655	37795	38566
Ernakulam	57088	55706	52420
Trichur	70503	69425	67823
Palghat	59758	71296	73079
Malappuram	49022	48475	52747
Kozhikode	41372	41484	41434
Wayanad	6690	7245	7240
Cannanore	34036	21765	22884
Kasaragod	-	14004	12899
State	646857	651648	652139

8.7 Strength of scheduled tribe students in schools

District	1984-85	1985-86	1986-87
1	2	3	4
Trivandrum	3408	3334	3288
Quilon	623	551	581
Pathanamthitta	938	870	939
Alleppey	646	588	597
Kottayam	4835	4379	4211
Idukki	7900	7855	8142
Ernakulam	881	839	957
Trichur	821	790	688
Palghat	3220	4524	5686
Malappuram	1057	1053	994
Kozhikode	366	746	843
Wayanad	17788	17848	18684
Cannanore	6960	3432	3366
Kasaragod	-	5863	5482
State	49443	52672	54458

8.8 Number of teachers in schools for general education - district-wise and section-wise

District	1983-84				1984-85				1985-86				1986-87			
	LP	UP	HS & T	Total	LP	UP	HS & T	Total	LP	UP	HS & T	Total	LP	UP	HS & T	Total
	section	section	section		section	section	section		section	section	section		section	section	section	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Trivandrum	6317	5531	5348	17196	6224	5654	5431	17309	6181	5940	5611	17732	6279	6028	5780	18087
Quilon	7071	7120	6782	20973	5479	5445	4870	15794	5305	5373	5205	15883	5567	5482	5429	16478
Pathanamthitta	-	-	-	-	2867	2623	3221	8711	2995	2834	3247	9076	3041	2768	3134	8943
Alleppey	5471	5382	5961	16814	4021	4088	4506	12615	3938	4076	4499	12513	4146	4178	4572	12896
Kottayam	4797	4224	4471	13492	4898	4449	4575	13922	4790	4241	4488	13519	4787	4208	4480	13475
Idukki	2253	2023	1785	6061	2352	2081	1972	6405	2287	2166	2106	6559	2321	2195	2095	6611
Ernakulam	6208	5995	5837	18040	6297	5931	6005	18233	6252	5880	6126	18258	6329	5808	6073	18210
Trichur	7359	5947	5507	18813	7224	5975	5691	18890	7015	5875	5881	18771	6932	5853	5759	18544
Paighat	5863	4571	3137	13371	5932	4364	3315	13611	6018	4380	3322	13720	5714	4682	3459	13855
Malappuram	8348	5301	3587	17236	8399	5464	3814	17677	8560	5753	4051	18364	9821	5782	4245	18848
Kozhikode	7523	5754	4240	17517	7363	5784	4471	17618	7446	5970	4650	18066	7694	6089	4758	18541
Wayanad	1361	1095	780	3236	1421	1117	868	3406	1471	1205	973	3649	1528	1216	1016	3760
Cannanore	6909	7030	4950	20889	9391	6832	5037	21260	6767	4699	3870	15336	7505	5199	4106	16810
Kasaragod	-	-	-	-	-	-	-	-	3050	2386	1472	6908	2818	2125	1583	6526
State	71480	59773	52385	183638	71868	59807	53776	185451	72075	60778	55501	188354	73482	61613	56489	191584

8.9 Teachers training institutes 1986-87

District	No. of training schools	No. of students		Total
		1st year	2nd year	
1	2	3	4	5
Trivandrum	8	332	298	630
Quilon	8	318	347	665
Pathanamthitta	11	428	423	851
Alleppey	10	301	366	667
Kottayam	10	385	390	775
Idukki	1	37	39	76
Ernakulam	14	521	510	1031
Trichur	9	324	363	687
Palghat	7	291	278	569
Malappuram	5	192	190	382
Kozhikode	5	205	197	402
Wayanad	1	40	40	80
Cannanore	4	146	159	305
Kasaragod	2	122	79	201
State	95	3642	3679	7321

8.10 S.S.L.C. results in various years

Year	Month	No. of students		Percentage of pass
		appeared	passed	
1	2	3	4	5
1976	March	264783	91178	34.4
	September	51702	12386	24.0
1977	March	309025	128961	41.7
	September	73789	11790	16.0
1978	March	350866	150833	43.0
	September	71679	12911	18.0
1979	March	374771	163012	43.5
	September	81230	12609	15.5
1980	March	382252	162750	42.6
	September	43795	4757	10.9
1981	March	467077	18444	39.5
	September	30707	3384	11.0
1982	March	492968	188788	38.3
	September	20447	2504	12.2
1983	March	519022	200475	38.6
	September	17501	6022	34.4
1984	March	495857	176810	35.7
	September	19191	3562	19.0
1985	March	488201	222090	45.5
	September	1360	2437	17.9
1986	March	497864	232693	46.7

Source: LPI.

8.11 Number of arts & science colleges by type of management

Year	Government	Private	Total
1	2	3	4
1970-71	12	105	117
1975-76	20	108	128
1980-81	30	104	134
1981-82	40	132	172
1982-83	40	132	172
1983-84	40	132	172
1984-85	40	132	172
1985-86	40	132	172
1986-87	40	132	172

8.12 District-wise number of arts & science colleges - 1987-88

District	Government	Private	Total
1	2	3	4
Trivandrum	8	11	19
Quilon	1	12	13
Pathanamthitta	-	8	8
Alleppey	-	11	11
Kottayam	1	20	21
Idukki	1	4	5
Ernakulam	5	19	24
Trichur	4	16	20
Palghat	3	7	10
Malappuram	3	7	10
Kozhikode	7	7	14
Wayanad	2	2	4
Cannanore	2	7	9
Kasaragud	3	1	4
State	40	132	172

8.13 Strength of students in arts & science colleges

Year	Pre degree			Degree			Post graduate		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
1	2	3	4	5	6	7	8	9	10
1980-81	24633	121954	146607	14621	72846	87467	1832	4156	5988
1981-82	27607	139952	167559	15355	79441	94796	2036	4816	6852
1982-83	30456	151135	181591	15398	82044	97442	2085	6186	8271
1983-84	30685	155571	186256	15365	82866	98231	2197	5725	7922
1984-85	30880	158271	189151	14634	85296	99930	2097	6226	8323
1985-86	31336	165923	197259	15310	91207	106517	2167	6849	9016

Source: DES.

8.14 District-wise students strength in arts and science colleges in Kerala - 1985-86

District	Pre-degree			Degree			Post graduate			Grand total		
	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total	Govt.	Private	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Trivandrum	6142	16504	22646	4066	8346	12412	977	521	1498	11185	25371	36556
Quilon	900	20291	21191	-	11315	11315	-	647	647	900	32253	33153
Pathanamthitta	-	12628	12628	-	6317	6317	-	636	636	-	19581	19581
Alleppey	-	17394	17394	-	8488	8488	-	355	355	-	26237	26237
Kottayam	1736	26627	28363	703	14739	15442	42	1656	1698	2481	43022	45503
Idukki	341	3621	3962	-	1121	1121	-	33	33	341	4775	5116
Ernakulam	2978	21228	24206	1907	12778	14685	481	1192	1673	5366	35198	40564
Trichur	2530	16498	19028	1054	10528	11582	18	785	803	3602	27811	31413
Palghat	4399	5728	10127	2900	3453	6353	351	227	578	7650	9408	17058
Malappuram	2258	7005	9263	494	2242	2736	-	178	178	2752	9425	12177
Kozhikode	5682	6802	12484	1884	5884	7768	116	445	561	7682	13131	20813
Wayanad	624	1613	2237	-	507	507	-	20	20	624	2140	2764
Cannanore	2093	8683	10776	1566	4897	6463	135	133	268	3794	13713	17507
Kasaragod	1653	1301	2954	736	592	1328	47	21	68	2436	1914	4350
State	31336	165923	197259	15310	91207	106517	2167	6849	9016	48813	263979	312792

8.15 Number of teachers in arts and science colleges

Year	Government	Private	Total
1	2	3	4
1970-71	850	5441	6291
1975-76	1260	6608	7868
1980-81	1784	8390	10174
1981-82	2016	9421	11437
1982-83	2149	10252	12401
1983-84	2237	10647	12884
1984-85	2282	11126	13408
1985-86	2372	11002	13374

8.16 Number of teachers in arts & science colleges - 1985-86

District	Govt. college teachers			Private college teachers			Grand total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10
Trivandrum	336	300	636	506	548	1054	848	1690	2538
Quilon	20	9	29	755	479	1234	488	1263	1751
Pathanamthitta	-	-	-	607	251	858	251	858	1109
Alleppey	-	-	-	680	361	1041	361	1041	1402
Kottayam	63	32	95	1170	659	1829	691	1924	2615
Idukki	11	-	11	144	44	188	44	199	243
Ernakulam	166	136	302	966	562	1528	698	1830	2528
Trichur	105	42	147	655	540	1195	582	1342	1924
Palghat	251	148	399	242	175	417	323	816	1139
Malappuram	75	27	102	319	81	400	108	502	610
Kozhikode	235	99	334	382	182	564	281	898	1179
Wayanad	24	-	24	71	18	89	18	113	131
Cannanore	111	58	169	375	158	533	216	702	918
Kasaragod	106	18	124	54	18	72	36	196	232
State	1503	869	2372	6926	4076	11002	4945	13374	13374

8.17 Number of colleges for professional education

Year	Engineering	Medicine	Agriculture	Veterinary	Law	Teachers	Ayurveda	Homoeopathy	Fine arts
1	2	3	4	5	6	7	8	9	10
1980-81	6	4	1	1	4	19	5	4	1
1981-82	6	4	1	1	4	19	5	4	1
1982-83	6	5	1	1	4	19	5	4	1
1983-84	6	5	1	1	4	19	5	4	1
1984-85	6	5	1	1	4	19	5	4	1
1985-86	6	5	1	1	4	19	5	5	1
1986-87	7	5	1	1	4	19	5	5	1

8.18 Intake and outturn in engineering colleges, polytechnics and technical high schools

Year	Engineering colleges				Polytechnics				Technical high schools			
	No. of Institution	Intake sanctioned	Intake actual	Out-turn	No. of institution	Intake sanctioned	Intake actual	Out-turn	No. of institution	Intake sanctioned	Intake actual	Out-turn
1	2	3	4	5	6	7	8	9	10	11	12	13
1970-71	6	836	716	602	18	2310	2183	713	21	1230	1010	302
1975-76	6	1027	991	779	18	2751	2765	765	21	1230	1140	391
1980-81	6	1535	1531	854	18	2640	2638	1156	25	1980	1718	685
1981-82	6	1910	1908	959	19	2773	2755	1254	25	2000	1726	691
1982-83	6	1960	1952	1003	20	2806	2796	1519	25	2180	1815	986
1983-84	6	1960	1958	1218	23	3086	3079	1678	34	2180	1941	1065
1984-85	6	1975	1971	760	25	3433	3232	2368	44	2180	1919	1093
1985-86	6	2514	2514	1041	25	3533	3404	2109	44	2480	2310	1074
1986-87	7	2514	2514	2073	25	3533	3404	2200	47	2510	2510	1371

8.19 Per capita expenditure on education

	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8
Kerala	28	85	97	106	123	139	165
All States	15	47	53	64	74	87	103

Source: Economic review 1987, SPB.

 IX. HEALTH

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9.1 Number of medical institutions (allopathic)

Year	Hospitals	(A)P.H. Centres	Dispen- saries	(B) M.C.H. Centres	(C)T.B. Centres & Clinics	Grant-in- aid insti- tutions	Lepracy Centres	Community Health Centres	Subsidiary Health Centres	Total
1	2	3	4	5	6	7	8	9	10..	11
1980-81	145	168	625	5	20	12	6	-	-	981
1981-82	147	168	626	6	23	12	6	-	-	988
1982-83	149	179	631	5	23	14	6	-	-	1007
1983-84	147	187	629	5	23	15	6	-	-	1012
1984-85	150	189	626	5	23	18	6	-	-	1017
1985-86	151	294	520	5	23	16	6	-	-	1015
1986-87	153	439	397	5	23	25	6	-	-	1048
1987-88	135	572	188	5	23	25	10	29	79	1066

(A): The decrease in the number of hospitals is due to the fact that some of hospitals have been converted as Community Health Centres.

(B): The decrease in the number of dispensaries is due to conversion of dispensaries into Primary Health Centres.

(C): The list of T.B. Centres include three Sanitoria for chest diseases in Trivandrum, Trichur and Cannanore district.

(Source:- Directorate of Health Services (D.H.S).)

9.2 Number of medical institutions district-wise (allopathic) 1984-85

District	Hospital	P.H.Centres	Dispen- saries	M.C.H. Centres	T.B.Hospital /Centres/ Clinics	Grant-in aid insti- tution	Lepracy Hospital	Total
1	2	3	4	5	6	7	8	9
1. Trivandrum	18	18	58	1	2	4	-	101
2. Quilon	10	16	41	1	3	2	-	73
3. Pathanamthitta	4	11	31	-	1	-	-	47
4. Alleppey	11	15	39	1	2	4	1	73
5. Kottayam	14	15	33	1	2	2	-	67
6. Idukki	5	7	38	-	-	-	-	50
7. Ernakulam	23	19	53	-	4	3	-	102
8. Trichur	19	22	32	-	2	1	2	98
9. Palghat	10	14	60	-	1	-	-	85
10. Malappuram	9	15	63	-	2	2	1	92
11. Kozhikode	9	14	41	1	1	-	1	67
12. Wayanad	4	5	21	-	-	-	-	30
13. Cannanore	10	12	57	-	2	-	1	82
14. Kasaragod	4	6	39	-	1	-	-	50
Total	150	189	526	5	23	18	6	1017

(Table 9.2 contd.)

1985-86

X1	X2	X3	X4	X5	X6	X7	X8	X9
1. Trivandrum	18	28	48	1	2	2	-	99
2. Quilon	9	25	32	1	3	1	-	71
3. Pathanamthitta	5	18	23	-	1	-	-	47
4. Alleppey	11	27	27	1	2	3	1	72
5. Kottayam	14	26	22	1	2	5	-	70
6. Idukki	5	7	38	-	-	-	-	50
7. Ernakulam	23	30	42	-	4	3	-	102
8. Trichur	19	32	43	-	2	1	2	99
9. Palghat	11	14	59	-	1	-	-	85
10. Malappuram	9	15	63	-	2	1	2	92
11. Kozhikode	9	25	30	1	1	-	1	67
12. Wayanad	4	5	21	-	-	-	-	30
13. Cannanor2	10	24	45	-	2	-	-	81
14. Kasaragod	4	18	27	-	1	-	-	50
Total	151	294	520	5	23	16	6	1015

(Table 9.2 contd.)

1986-87

1	2	3	4	5	6	7	8	9
1. Trivandrum	18	40	38	1	2	4	-	103
2. Quilon	9	35	21	1	3	3	-	72
3. Pathanamthitta	6	31	10	-	1	1	-	49
4. Alleppey	11	37	19	1	2	4	-	74
5. Kottayam	14	33	15	1	2	6	1	72
6. Idukki	5	12	34	-	-	-	-	51
7. Ernakulam	23	48	28	-	4	4	-	107
8. Trichur	19	44	33	-	2	1	2	101
9. Palghat	13	16	55	-	1	-	-	85
10. Malappuram	8	27	57	-	2	2	2	98
11. Kozhikode	9	39	18	1	1	-	1	69
12. Wayanad	4	11	18	-	-	-	-	33
13. Cannanore	10	39	33	-	2	-	-	84
14. Kasaragod	4	27	18	-	1	-	-	50
Total	153	439	397	5	23	25	6	1048

(Contd.)

(Table 9.2 contd.)

1987-88

District	Hospitals	P.H. Centres	Dispen- saries	M.C.H. Centres	T.B. Hospi- tals/Cli- nic/centres	Grant- in-aid insttn./Centres	Lepracy Hospital Centres	Communi- Health Centres	Subsidiary Health Centres	Total
1	2	3	4	5	6	7	8	9	10	11
1. Trivandrum	17	52	23	1	2	2	1	4	-	102
2. Quilon	9	51	4	1	3	2	1	2	-	73
3. Pathanamthitta	5	37	4	-	1	3	-	2	-	52
4. Alleppey	10	54	3	1	2	4	2	1	-	77
5. Kottayam	13	45	4	1	2	6	-	1	-	72
6. Idukki	3	12	22	-	-	-	-	1	14	52
7. Ernakulam	22	60	14	-	4	3	-	3	-	106
8. Trichur	17	61	17	-	2	2	2	1	-	102
9. Palghat	9	18	31	-	1	1	1	1	26	88
10. Malappuram	6	27	26	-	2	2	2	3	31	99
11. Kozhikode	9	51	4	1	1	-	1	4	-	71
12. Wayanad	3	11	10	-	-	-	-	2	8	34
13. Cannanore	9	54	19	-	2	-	-	2	-	86
14. Kasaragod	3	39	7	-	1	-	-	2	-	52
Total	135	572	188	5	23	25	10	29	79	1066

200

(Source:-D.H.S).

9.3 Number of beds in medical institutions (allopathic)

Year	Hospitals	P.H. Centres	Dispensaries	M.C.H. Centres & Units	T.B. Centres & Clinics	Grant-in-aid Institution	Leprosy Hospital & Sanatorium	Community Health Centres	Subsidiary Health Centres	Total
1	2	3	4	5	6	7	8	9	10	11
1980-81	25295	1962	1490	42	318	2099	NA	-	-	31206
1981-82	23229	2109	1522	54	1518	NA	1866	-	-	30298
1982-83	23733	2135	1481	54	1518	1641	1866	-	-	32428
1983-84	24097	2260	1549	94	1518	1945	1866	-	-	33329
1984-85	24291	2262	1545	94	1518	1549	1866	-	-	33125
1985-86	25643	2748	1159	94	1518	2712	1866	-	-	35740
1986-87	26297	3306	803	94	1523	2455	1866	-	-	36344
1987-88	24146	3180	409	94	1525	2744	1866	2226	289	36479

9.4 Number of beds in medical institutions district-wise -1987-88 (allopathic)

District	Hospitals	P.H. Centres	Dispensaries	M.C.H. Centres	T.B. Hospitals & Clinics /Centres	Grant-in-aid Institution	Leprosy Hospital & Centres	Community Health Centres	Subsidiary Health Centres	Total
1	2	3	4	5	6	7	8	9	10	11
Trivandrum	5196	288	78	-	536	233	-	209	-	6442
Quilon	1423	234	15	60	79	120	-	42	-	1973
Pathanamthitta	511	251	-	-	12	564	-	163	-	1501
Alleppey	2213	223	-	12	12	250	993	40	-	3743
Kottayam	2285	345	-	16	48	951	-	226	-	3871
Idukki	218	94	77	-	-	-	-	60	50	499
Ernakulam	2642	511	18	-	40	456	-	129	-	3796
Trichur	2244	358	30	-	296	170	610	82	-	3790
Palghat	1042	183	70	-	54	-	-	83	163	1595
Malappuram	922	114	38	-	52	-	-	188	32	1346
Kozhikode	3680	159	12	6	-	-	263	104	-	4224
Wayanad	367	52	10	-	-	-	-	117	44	590
Cannanore	1146	215	61	-	396	-	-	585	-	2403
Kasaragod	257	153	-	-	-	-	-	198	-	608
Total	24146	3180	409	94	1525	2744	1866	2226	289	36479

9.5 Number of patients treated*

Year	In-Patients				Out-Patients			
	Total	Male	Female	Children	Total	Male	Female	Children
1	2	3	4	5	6	7	8	9
1980-81	1506064	347817	533052	215195	23357027	6200785	9883679	7272563
1981-82	1214751	395809	580602	238340	23896976	6432986	10112213	7351777
1982-83	1119042	379692	529606	209744	24014038	7342619	9661456	7009963
1983-84	1293005	420413	613058	259534	27149198	7821434	11452584	7875180
1984-85	1181845	372372	572585	236888	23819621	6562873	10184306	7072442
1985-86	1285810	412005	610660	263145	25505037	7355006	10766531	7383460
1986-87	1269077	405840	598388	264849	26493998	7530933	11222994	7740071
1987-88	1420001	457806	642834	319361	27888034	8121304	11652558	8114172

*Excludes medical college hospitals.
(Source:- D.H.S).

9.6 Number of patients treated district-wise - 1987-88 (allopathic)

District	In - Patients				Out - Patients				No. of Operations		
	Total	Male	Female	Children	Total	Male	Female	Children	Total	Major	Minor
1	2	3	4	5	6	7	8	9	10	11	12
Trivandrum	183114	56229	87984	38901	3655324	10126378	1526378	1116741	51251	11221	40030
Quilon	123836	41810	50772	21254	1907579	524967	854897	527715	36555	15053	21502
Pathanamthitta	33460	11654	15347	6459	928828	382499	335550	210779	8517	2423	6094
Alleppey	106704	33318	50031	23355	1619402	394333	750526	474543	15418	5045	10373
Kottayam	97566	31831	45041	20694	2075528	638427	914105	522996	18809	5227	13582
Idukki	26133	8145	14017	3971	937458	325072	389289	223097	10015	279	9736
Ernakulam	153122	55291	70379	27452	3335762	946669	1406812	982281	32910	5976	26934
Trichur	130576	47574	60120	22882	2895330	794779	1221625	878926	39347	8222	31125
Palghat	115975	34571	49526	31878	2154136	626866	905847	621423	20200	4842	16124
Malappuram	117407	37514	49650	30243	3030236	876198	1185262	968776	44257	5344	16413
Kozhikode	99800	34701	46214	18885	2322752	703303	954573	665176	30568	4580	25988
Wayanad	70935	15168	24501	31266	668884	188396	268654	211834	8838	2426	6412
Cannanore	122063	38548	52550	30965	1613857	493528	668438	451891	29086	4668	24418
Kasaragod	39310	11452	16702	11156	742958	214062	270902	257994	5292	802	4490
State	1420001	457806	642834	319361	27888034	8121304	11652558	8114172	329829	76608	253221

9.7 Number of family planning centres

Year	Urban Centres	Rural Centres		Total
		Main Centres	Sub Centres	
1	2	3	4	5
1981-82	42	163	2113	2318
1982-83	38	163	2113	2314
1983-84	62	163	2179	2358
1984-85	64	164	2261	2443
1985-86	74	164	3071	3309
1986-87	74	164	3374	3612
1987-88	74	164	3874	4112

9.8 Progress of family welfare programme

Year	Vasectomy	PPS	IUD	Conventional Contraceptives		Oral Pills	
				Nirodh distributed	CC Users	OP dis-tributed	OP Users
1	2	3	4	5	6	7	8
1980-81	15854	92658	18394	1519567	NA	NA	NA
1981-82	16262	107592	20558	137331	NA	NA	NA
1982-83	17250	126809	28111	1856213	22737	29346	2257
1983-84	19764	160095	37386	3183338	40920	83193	6402
1984-85	12062	197031	44130	5721945	177450	164935	12687
1985-86	8571	124780	59589	7282340	99716	272951	20819
1986-87	7011	129424	76164	12586951	173585	362159	27858
1987-88	5656	130793	85530	12307316	169993	363997	28000

9.9 Family welfare programme 1987-88 - district-wise

Districts	Vasectomy	PPS	IUD	Conventional Contraceptives		Oral Pills	
				Nirodh distributed	C.C. Users	O.P dis-tributed	O.P Users
1	2	3	4	5	6	7	8
Trivandrum	336	13318	8581	1280499	17729	39340	3026
Qullon	134	11605	5878	852074	11812	37072	2852
Pathanamthitta	129	3694	3633	322202	4453	11616	894
Alleppey	1144	6648	6358	766305	10452	17947	1381
Kottayam	358	10119	10009	1218758	16868	21868	1682
Idukki	166	3752	3935	390513	5396	10076	775
Ernakulam	510	14906	9614	1095991	15139	29220	2948
Trichur	531	13398	7550	2229630	30879	30693	2361
Palghat	167	10827	5740	934921	12957	26639	2049
Malappuram	195	12288	8133	1176128	16303	60559	4658
Kozhikode	1288	14431	6655	130177	9927	36336	2795
Wayanad	221	2510	3381	465523	6429	9140	703
Cannanore	302	10478	4933	561212	7744	24580	1891
Kasaragod	175	2819	1130	283383	3907	8911	685
State total	5656	130793	85530	12307316	169993	363997	28000

9.10 Number of doctors in medical institutions (allopathic)

Year	Doctors
1	2
1981-82	2775
1982-83	2831
1983-84	2973
1985-86	3126
1986-87	3514
1987-88	3514

9.11 Number of medical institutions (ayurvedic)

Year	Ayurveda hospitals	Ayurveda Dispensaries	Vishavaidya hospitals	Vishavaidya dispensaries	Sidha dispensaries	Grant-in-aid institutions
1	2	3	4	5	6	7
1970-71	41	250	2	5	3	304
1975-76	63	376	2	4	2	271
1980-81	85	419	2	4	4	228
1981-82	92	437	2	4	5	228
1982-83	91	444	2	4	5	226
1983-84	91	446	2	4	5	226
1984-85	92	447	2	4	6	227
1985-86	92	463	2	4	6	228
1986-87	95	486	2	4	7	208
1987-88	99	485	2	4	7	208

9.12 Number of beds in medical institutions (ayurvedic)

Year	Ayurveda hospitals	Vishavaidya hospitals	Total
1	2	3	4
1980-81	1464	8	1472
1981-82	1639	8	1647
1982-83	1641	8	1649
1983-84	1651	8	1659
1984-85	1671	8	1679
1985-86	1681	8	1689
1986-87	1761	8	1769
1987-88	1861	8	1869

9.13 Number of medical institutions & beds 1987-88
district-wise (ayurvedic)

District	Ayurveda hospitals	Ayurveda Dispensaries	Grant-in-aid institutions	Beds in ayurvedic hospitals
1	2	3	4	5
Trivandrum	12	47	25	225
Quilon	9	35	40	170
Pathanamthitta	4	22	-	80
Alleppey	10	34	31	180
Kottayam	8	24	14	150
Idukki	3	21	1	70
Ernakulam	11	45	13	180
Trichur	14	63	23	223
Palghat	5	45	4	120
Malappuram	10	50	2	200
Kozhikode	5	31	10	100
Wayanad	1	15	-	10
Cannanore	5	37	45	111
Kasaragod	4	27	-	50
State	101	496	208	1869

9.14 Number of patients in ayurvedic institutions 1987-88

Districts	No. of in-patients		No. of out - patients	
	in hospitals	In hospitals	In hospitals	In dispensaries
1	2	3	4	
Trivandrum	3289	541684	1599701	
Quilon	1879	431345	895409	
Pathanamthitta	834	213745	648314	
Alleppey	1935	493589	1019006	
Kottayam	1208	320510	579507	
Idukki	904	176320	441924	
Ernakulam	2385	557974	1056307	
Trichur	2611	516490	1153879	
Palghat	1648	167446	888145	
Malappuram	2017	362655	1026732	
Kozhikode	931	162395	678378	
Wayanad	332	38493	303029	
Cannanore	1135	222931	655008	
Kasaragod	462	91531	437072	
State	21570	4297108	11382411	

(Source:- Directorate of Indegenous Medicines).

9.15 Number of doctors in medical institutions (ayurvedic)

Year	No. of Doctors	
	1	2
1980-81		640
1981-82		704
1982-83		669
1983-84		673
1984-85		676
1985-86		696
1986-87		707
1987-88		708

9.16 Number of medical institutions (Homoeopathic)

Year	Hospitals	Dispensaries	Total
1980-81	17	159	176
1981-82	22	191	213
1982-83	23	200	223
1983-84	23	200	223
1984-85	23	200	223
1985-86	24	227	251
1986-87	24	255	279

(Source:- Economic Review 1987).

9.17 Number of medical institutions - 1986-87 district-wise (homoeopathic)

District	Hospitals	Dispensaries	Total
Trivandrum	4	26	30
Quilon	1	19	20
Pathanamthitta	-	8	8
Alleppey	3	21	24
Kottayam	3	19	22
Idukki	2	17	19
Ernakulam	2	31	33
Trichur	1	20	21
Palghat	1	16	17
Malappuram	2	25	27
Kozhikode	1	21	22
Wayanad	1	6	7
Cannanore	1	18	19
Kasaragod	2	8	10
Total	24	255	279

(Source:- Economic Review 1987).

9.18 Number of beds in medical institutions (homoeopathic)

Year	No. of Beds
1	2
1980-81	535
1981-82	650
1982-83	675
1983-84	675
1984-85	675
1985-86	700
1986-87	700

(Economics Reveiw 1987).

9.19 Number of beds in medical institutions - 1986-87
district-wise (homoeopathic)

Dist.	No. of beds	Dist.	No. of beds
1	2	3	4
TVM	150	TCR	25
QLN	25	PGT	25
PTA	-	MPM	50
ALP	75	KRD	25
KTM	125	WYD	25
IDK	50	CNR	25
EKM	50	KSG	50
		TOTAL.	700

(Source:- Economic Review 1987).

9.20 Number of patients treated in medical institutions
(homoeopathic)

Year	In - Patients	Out - Patients	
		Hospital	Dispensaries
1	2	3	4
1980-81	8567	1121560	4608012
1981-82	12411	1577452	5203558
1982-83	6707	1832897	5204703
1983-84	6287	1788540	5670303
1984-85	10051	2023969	5891953
1985-86	13621	2468727	6260522
1986-87	16101	2516938	6970830

(Source:- Directorate of Homoeopathi).

**9.21 Number of patients treated in medical institutions
district-wise (homoeopathic) 1986-87**

District	In-patients	Out - Patients	
		Hospitals	Dispensaries
1	2	3	4
Trivandrum	4853	388644	1051156
Quilon	689	159306	657637
Pathanamthitta	-	-	18196
Alleppey	1125	211281	954976
Kottayam	2445	301654	747862
Idukki	3029	103303	394105
Ernakulam	890	250665	572694
Trichur	675	275420	322830
Palghat	469	240848	294583
Malappuram	455	133891	739901
Kozhikode	-	-	491626
Wayanad	222	19459	89313
Cannanore	457	240549	499196
Kasaragod	792	191918	136755
State	16101	2516938	6970830

(Source:- Directorate of Homoeopathic).

*The hospital which was functioning during previous years was transferred to medical college (homoeopathy). The new hospital sanctioned during 1986-87 has not started functioning.

9.22 Number of private medical institutions and number of doctors in them according to the system of medicine practiced

Districts	Allopathy		Ayurveda		Homoeopathy		Others		Total	
	No. of Insti- tutions	No. of Doct- ors	No. of Insti- tutions	No. of Doct- ors	No. of Insti- tutions	No. of Doct- ors	No. of Insti- tutions	No. of Doct- ors	No. of Insti- tutions	No. of Doct- ors
1	2	3	4	5	6	7	8	9	10	11
Trivandrum	369	622	301	334	121	130	4	5	795	1091
Quilon	324	565	262	278	141	154	9	9	736	1006
Pathanamthitta	231	459	178	185	104	109	1	1	514	754
Alleppey	392	533	301	322	224	229	3	3	920	1087
Kottayam	376	643	398	429	327	344	5	6	1106	1422
Idukki	194	291	98	93	72	71	4	4	368	459
Ernakulam	436	1110	365	387	371	389	3	3	1175	1889
Trichur	256	598	592	600	137	138	12	12	997	1348
Palghat	142	197	357	379	86	94	10	10	595	680
Malappuram	188	313	358	388	148	149	11	11	705	861
Kozhikode	241	384	342	354	213	222	6	6	802	966
Wayanad	88	113	77	79	43	45	11	13	219	250
Cannanore	190	333	191	196	65	68	14	15	460	612
Kasaragod	138	184	105	106	26	26	2	2	276	318
State Total	3565	6345	3925	4130	2078	2168	95	100	9663	12743

(Source:- Survey of private medical institutions in Kerala, 1986 - DES).

9.23 Number of private medical institutions with beds and the total number of beds in them according to the system of medicine

Districts	Allopathy		Ayurveda		Homoeopathy		Others		Total	
	No. of insti- tutions with beds	Total No. of beds	No. of Insti- tutions with beds	Total No. of beds	No. of Insti- tutions with beds	Total No. of beds	No. of Insti- tutions with beds	Total No. of beds	No. of Insti- tutions with beds	Total No. of beds
1	2	3	4	5	6	7	8	9	10	11
Trivandrum	246	3744	49	359	9	42	2	53	306	4198
Quilon	218	4504	26	210	9	73	-	-	253	4787
Pathanamthitta	137	3720	4	23	1	2	-	-	142	3745
Alleppey	154	3157	7	40	2	6	-	-	163	3203
Kottayam	182	6189	7	119	3	43	1	31	193	6382
Idukki	152	3521	2	14	-	-	-	-	154	3535
Ernakulam	186	8646	7	79	3	71	-	-	196	8796
Trichur	124	5101	13	103	2	16	2	39	141	5259
Palghat	63	1013	4	71	1	15	-	-	68	1099
Malappuram	101	1931	8	209	1	10	-	-	110	2150
Kozhikode	108	2411	5	62	4	18	1	6	118	2497
Wayanad	54	1594	-	-	-	-	-	-	54	1594
Cannanore	96	2550	1	10	-	-	1	10	98	2570
Kasaragod	43	949	1	2	-	-	-	-	46	951
State Total	1864	49030	134	1301	35	296	7	139	2040	50766

(Source:- Survey of private medical institutions in kerala, 1986 - DES).

9.24 Number of para-medical staff in private medical institutions according to the system of medicine

Districts	Allopathy	Ayurveda	Homoeo- pathy	Others	Total
1	2	3	4	5	6
Trivandrum	1220	181	38	7	1438
Quilon	1273	111	44	2	1430
Pathanamthitta	1219	13	7	-	1239
Alleppey	990	45	18	-	1953
Kottayam	1679	76	30	6	1791
Idukki	698	23	8	-	729
Ernakulam	2758	86	55	-	2899
Trichur	1340	125	20	15	1500
Palghat	435	121	7	2	565
Malappuram	532	124	10	-	666
Kozhikode	616	26	17	-	659
Wayanad	246	16	2	6	270
Cannanore	650	42	11	5	708
Kasaragod	265	9	-	-	274
State Total	13921	998	259	43	15221

(Source:- Survey of private medical institutions in Kerala, 1986 -DES).

9.25 Number of private medical institutions having laboratory facilities

Districts	Allopathy	Ayurveda	Homoeo- pathy	Others	Total
1	2	3	4	5	6
Trivandrum	182	3	3	1	189
Quilon	176	4	7	-	187
Pathanamthitta	120	-	-	-	120
Alleppey	146	1	7	-	154
Kottayam	203	2	3	1	209
Idukki	57	-	2	-	59
Ernakulam	249	2	3	-	254
Trichur	122	1	-	1	209
Palghat	44	1	-	-	45
Malappuram	50	1	1	-	52
Kozhikode	56	-	-	-	56
Wayanad	30	-	-	-	30
Cannanore	62	32	6	-	100
Kasaragod	33	-	-	-	33
State Total	1530	47	32	3	1612

(Source:- Survey of private medical institutions in Kerala, 1986 - DES)

9.26 Per capita expenditure on public health

Year	Kerala	All states
1	2	3
1970-71	7	6
1980-81	32	24
1981-82	39	28
1982-83	40	34
1983-84	45	41
1984-85	58	47
1985-86	63	55

Source: Economic review 1987, SPB.

X. CO-OPERATION AND BANKING

10.1	District-wise distribution of scheduled commercial bank offices in Kerala	217
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10.3	Deposit and advances of scheduled commercial banks including regional rural banks in Kerala	218
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10.1 District-wise distribution of scheduled commercial bank offices in kerala as on 31st december*

District	1980	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9
Trivandrum	221	232	239	254	267	275	277	279
Quilon	191	196	204	161	163	165	161	167
Pathanamthitta	-	-	-	154	156	162	163	164
Alleppey	242	258	263	179	182	189	192	192
Kottayam	201	209	210	218	223	224	226	226
Idukki	71	76	76	80	81	81	84	88
Ernakulam	364	364	376	382	391	394	399	399
Trichur	277	277	285	288	290	298	298	298
Palghat	177	185	191	201	207	212	212	213
Malappuram	136	145	154	156	161	169	169	169
Kozhikode	197	201	183	191	199	216	214	214
Wayanad	-	6	43	43	46	49	54	54
Cannanore	229	247	249	167	177	180	186	187
Kasaragod	-	-	-	84	87	94	94	94
State	2306	2396	2473	2558	2630	2708	2729	2744

*Includes regional rural banks.

(Source:- Reserve Bank of India (R.B.I))

10.2 Banking statistics of kerala - as on 31.3.1988

(Rs. in lakhs)

Bank	No. of branches	Deposits	Advances	Per Branch deposits	Per Branch advances
1	2	3	4	5	6
State bank of Travancore	505	114282	76976	226	152
State bank of India	198	58490	36048	295	182
Canara Bank	192	52878	34688	275	181
Federal bank ltd.	266	33037	23673	124	89
Indian overseas bank	86	28289	11222	329	130
Syndicate bank	95	25560	15342	269	161
South Indian bank ltd.	179	22331	13282	125	74
Catholic syrian bank ltd.	181	21145	11668	117	64
Indian bank	69	19527	10682	283	155
Union bank of India	107	15694	10310	147	96
Central bank of India	64	13495	10289	211	161
Bank of Baroda	28	11986	4879	428	174
Nedungadi bank ltd.	94	8575	4633	91	49
Vijaya bank	61	8209	4946	135	81
Dhanalakshmi bank ltd.	100	7389	3732	74	37
Corporation bank	38	5014	2990	132	79
Bank of India	13	5570	2654	428	204
Lord krishna bank ltd.	64	3270	1625	51	25
Uco bank	17	2954	3698	174	218

(Contd.)

(Table 10.2 contd.)

1	2	3	4	5	6
Parur central bank ltd.	49	2121	1411	43	29
Punjab national bank	7	1488	1360	213	194
Vysya bank ltd.	10	1869	907	187	91
Dena bank	9	1144	667	127	74
Andhra bank	6	973	819	162	137
Karnataka bank ltd.	9	1008	983	112	109
Bank of Madura ltd.	6	497	733	83	122
State bank of Mysore	6	751	589	125	98
North malabar gramin bank	118	2583	5249	22	44
South malabar gramin bank	147	3155	7208	21	49
Other banks (with less than 6 Br:)	41	7810	8342	190	203

(Source:- State bank of Travancore.)

10.3 Deposits and advances of scheduled commercial bank including regional rural banks in kerala (rupees in crores)

District	1986			1987		
	Deposit	Credit		Deposit	Credit	
		Credit deposit ratio	ratio		Credit deposit ratio	ratio
1	2	3	4	5	6	7
Trivandrum	59432	34050	57.29	69405	41664	60.03
Quilon	26466	28110	106.21	29266	33487	114.42
Pathanamthitta	41908	6806	16.24	49028	8516	17.37
Alleppey	28963	15376	53.09	34196	18417	53.86
Kottayam	31085	17231	55.43	35588	21377	60.07
Idukki	4661	4733	101.54	5161	6297	122.01
Ernakulam	73650	60849	82.62	84702	70373	83.08
Trichur	50754	20875	41.13	59609	25495	42.77
Palghat	23265	12422	53.39	26558	15044	56.65
Malappuram	17029	10971	64.43	18690	12985	69.48
Kozhikode	23286	17926	76.98	26521	21653	81.64
Wayanad	2796	5212	186.41	3046	6425	210.93
Cannanore	23733	12311	51.73	26594	14703	55.29
Kasaragod	6846	6110	89.25	7650	7510	98.17
State	413876	252981	61.12	476015	303945	63.85

Note:- District totals may not tally with state total due to rounding off

off individual figures.

(Source:- R.B.I).

R.B.I).

10.4 Number, membership & operational details of co-operative societies

(1984-'85)

Type of societies	No. of societies	Member-ship	Paid up capital	Reserves	Deposits	Working capital	Loans advanced	Loans outstanding
1	2	3	4	5	6	7	8	9
Kerala state co-operative bank	1	13	56994	110405	918542	1668823	1485553	852420
District co-operative banks	12	4693	194036	216613	2374551	3850394	2529456	2112181
Kerala state co-operative agricultural development bank limited	1	37	54432	100985	7802	1881310	306114	1348254
Primary agricultural development bank	37	468346	90326	33119	2512	1596659	301862	1351349
Primary agricultural credit societies	1538	5193358	439003	246733	3035167	6954984	4111878	3983439
Farmer's service societies	32	188989	18948	11622	188488	449922	219379	168427
Harijan societies	506	188597	12175	1926	1747	74389	15147	26366
Girijan societies	72	29454	2660	658	331	27377	2642	7414
Urban banks	70	799576	56421	58231	792699	1120042	794394	570824
Employees credit societies	596	350209	103529	27908	261552	957207	462591	458033
Housing federation	1	205	50739	3743	-	589052	103642	370082
Primary housing societies	270	95782	56423	5853	-	620973	133935	379895
Rubber marketing federation	1	36	17607	4323	-	85862	-	-
General marketing federation	1	77	15130	3195	52	245249	-	-
Primary marketing societies	104	171822	36773	28264	11386	176663	-	9970
Processing societies	1	377	613	491	-	1564	-	-
Poultry societies	65	13155	687	44	-	1380	20	156
Other livestock societies	3	591	14	-	-	41	-	-
Collective farming societies	11	2371	7094	66	-	7477	-	-
Joint farming societies	40	7556	639	3555	-	60033	-	557

(contd.)

(Table 10.4 contd.)

(1984-'85)

1	2	3	4	5	6	7	8	9
Irrigation societies	19	3161	79	102	-	625	-	-
Other industrial societies	2	186	1	-	-	9	-	-
Consumer federation	1	25	12597	7102	2134	52881	-	-
Wholesale stores	11	34158	13624	3421	2579	132826	-	-
Primary consumer stores	374	192056	11699	7257	7909	73220	-	-
College & school stores	3447	5623611	9819	3987	1270	54157	-	-
Central stores	2	92	849	1603	140	4083	-	-
Labour contract societies	91	14338	1915	1040	-	29667	349	815
Forest labourers societies	8	1002	16	63	7	723	3	37
Transport societies	26	1749	3631	2950	-	37543	-	213
Land colonisation societies	4	549	26	148	-	747	-	80
Better farming societies	34	9704	901	294	-	20195	4	1035
Women's societies	48	7844	673	16	-	1261	353	359
Autoriksha societies	32	4836	6784	574	-	25097	5506	14581
Hospitals & dispensaries	77	25528	8994	3726	-	44531	-	221
Literary writers societies	14	15428	1077	286	-	31204	-	7
Printing societies	26	4294	938	1433	-	7431	-	-
Taxi driver's societies	12	932	1390	116	-	4882	1360	3685
Canteen societies	26	16990	332	1336	-	6449	-	299
Others	247	102804	17492	9208	48301	227871	44675	35482
State total	7863	13574531	1312080	902396	7657169	21124803	10518863	11696181

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(contd.)

(Table 10.4 contd.)

(1985-'86)

Type of societies	No. of societies	Member ship	Paid up capital	Reser- ves	Depo- sits	Working capital	Loans advan- ced	Loans outsta- nding
1	2	3	4	5	6	7	8	9
Kerala state co-operative bank	1	14	64291	124181	1245784	1737072	1689924	1092592
District co-operative banks	13	4800	204529	216152	3085284	4384932	3030847	3071956
Kerala state co-operative agricultural development bank ltd.	1	38	62318	136160	9413	2098470	410210	1613601
Primary agricultural development bank	37	507298	107277	39592	2846	1577342	389469	1623337
Primary agricultural credit societies	1537	6036411	481622	283855	3798342	6486143	4933831	4902974
Farmer's service societies	37	231844	27881	25411	280189	440514	354118	237161
Harijan societies	524	194726	12685	1886	1580	38328	3123	29530
GiriJan societies	72	35203	2918	1764	711	12321	1916	8225
Urban banks	71	882407	63727	71197	997202	1173215	873409	734303
Employees credit societies	621	368474	121201	27821	285805	653430	470319	577482
Housing federation	1	205	60876	11501	-	624947	183963	517088
Primary housing societies	271	109041	73953	8289	-	611273	195843	461265
Rubber marketing federation	1	35	17527	4980	-	68584	-	-
General marketing federation	1	77	17123	4015	68	224056	-	-
Primary marketing societies	105	179132	41118	27176	16105	142171	-	-
Processing societies	1	27	613	38	10	1306	-	-
Poultry societies	65	13553	712	37	-	1057	-	130
Other livestock societies	3	591	14	-	-	14	-	-
Collective farming societies	11	2839	7127	94	-	8651	-	-
Joint farming societies	40	4418	711	1106	-	65140	108	665

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(contd.)

(Table 10.4 contd.)

(1985-'86)

	1	2	3	4	5	6	7	8	9
Irrigation societies		19	3407	83	118	-	293	-	-
Other industrial societies		2	225	144	-	135	279	-	-
Consumer federation		1	25	13597	22654	2561	66837	-	-
Wholesale stores		12	34561	17783	5945	1769	79106	-	-
Primary consumer stores		373	174339	12348	8844	5913	47715	-	-
College & school stores		3485	5746575	12730	6068	1227	29367	-	-
Central stores		2	90	1048	330	164	1542	-	-
Labour contract societies		88	13450	2043	619	-	3055	412	956
Forest labourers societies		6	894	15	43	7	125	2	36
Transport societies		29	2012	3793	7390	-	31295	164	335
Land colonisation societies		4	467	26	246	-	306	-	80
Better farming societies		33	8404	769	530	-	3292	237	970
Women's societies		59	12647	883	22	-	1194	276	523
Autorikshaw societies		31	5041	7157	899	-	17170	8083	18262
Hospitals & dispensaries		80	28067	11687	2952	-	41950	-	221
Literary writers societies		11	14874	1032	397	-	3925	-	7
Printing societies		27	4710	750	517	-	3460	-	-
Taxi drivers societies		12	1097	1666	135	-	4034	1029	4034
Canteen societies		29	17711	351	308	-	805	-	273
Others		253	115070	20895	15152	48680	106370	42139	41598
State total		7969	14754799	1477023	1058424	9783795	20796086	12594422	14937604

(Table 10.4 contd.)

(1986-'87)

Type of societies	No. of societies	Member ship	Paid up capital	Reser- ves	Depo- sits	Working capital	Loans advan- ced	Loans outsta- nding
1	2	3	4	5	6	7	8	9
Kerala state co-operative bank	1	15	72558	145545	1223673	2292508	2148032	1588210
District co-operative banks	14	4957	230430	476381	3283780	5287148	3403234	3699951
Kerala state co-operative agricultural development bank ltd.	1	39	66227	164981	11590	2508575	291491	1744434
Primary agricultural development bank	38	525317	121028	66955	5847	1792758	304254	1797718
Primary agricultural credit societies	1533	6578796	531085	329027	4237319	7491674	5605680	5778239
Farmers service societies	37	239551	30700	28358	310089	477525	374987	340773
Harijan societies	533	212755	14230	2793	1647	45813	8129	32728
Girijan societies	74	37323	3242	4831	618	16516	2408	8529
Urban banks	71	933691	69954	85471	1137462	1346559	1019319	876582
Employees credit societies	640	406890	141765	37878	371806	819878	574573	741369
Housing federation	1	208	67206	28331	-	722094	170426	648300
Primary housing societies	279	115065	83062	8394	-	736866	194884	583885
Rubber marketing federation	1	35	17447	4427	-	57468	-	-
General marketing federation	1	78	17178	5027	-	233381	-	-
Primary marketing societies	106	184643	44898	39358	20526	177948	-	-
Processing societies	1	377	613	38	10	1306	-	-
Poultry societies	67	14339	724	67	-	1049	13	112
Other livestock societies	3	591	14	-	-	14	-	-
Collective farming societies	10	2404	10149	97	-	12935	-	-
Joint farming societies	38	5348	802	1116	-	66727	103	765

(Table 10.4 contd.)

(1986-'87)

1	2	3	4	5	6	7	8	9
Irrigation societies	18	3544	85	123	-	296	-	-
Other industrial societies	2	226	144	-	135	279	-	-
Consumer federation	1	26	16748	25208	839	70963	-	-
Wholesale stores	12	34758	18123	11979	1884	96710	-	-
Primary consumer stores	377	182280	13144	8317	8256	44460	-	-
College & school stores	3528	5870289	14387	6280	1411	25346	-	-
Central stores	2	94	1351	327	126	1814	-	-
labour contract societies	92	14605	2438	1011	-	10661	338	947
Forest labourers societies	6	1010	17	48	14	98	3	23
Transport societies	31	2175	4481	6634	-	34712	171	506
Land colonisation societies	4	465	24	325	-	383	-	80
Better farming societies	33	8320	780	567	-	2570	4	674
Women's societies	67	13537	1056	28	-	2022	510	781
Autorikshaw societies	34	6101	7816	756	-	19206	7267	19341
Hospitals and dispensaries	86	31711	12214	3907	-	48318	-	-
Literary writers societies	14	15770	1164	175	-	5150	3	10
Printing societies	30	5295	1022	1094	-	4613	-	-
Taxi driver's societies	14	1415	2140	143	-	5134	3155	5622
Canteen societies	29	14932	422	288	-	807	-	-
Others	272	123638	25496	17241	67319	129511	58779	47005
State total	8101	15592613	1646346	1513536	10684351	24592795	14167763	17916634

XI. PRICES

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...

11. Yearly average farm price of important agricultural commodities

Commodities	Year/ Dist.	Trivan- drum	Pathana- Quilon mthitta	Allep- pey	Kotta- yam	Ernaku- Idukki	lam	Trichur	Palghat	Malap- puram	Kozhi- kode	Canna- Wayanad nore	Kasar- agod	State(Wt average*		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Paddy/Qntl.	1970-71	109.96	110.65	--	96.45	93.28	--	98.11	88.32	90.19	83.23	85.43	--	89.29	--	90.25
	1975-76	224.60	204.76	--	184.50	189.32	213.99	196.08	181.61	165.21	186.57	186.77	--	168.24	--	182.98
	1980-81	176.37	159.75	--	159.42	148.95	185.47	165.35	150.05	145.92	138.48	156.25	--	139.31	--	152.06
	1981-82	197.04	193.59	--	185.05	192.08	196.63	194.56	174.58	171.27	160.94	186.71	--	158.87	--	178.78
	1982-83	227.08	223.36	--	212.89	216.74	223.77	218.67	212.75	203.93	190.84	215.37	189.19	180.78	--	208.16
	1983-84	298.45	252.58	269.66	251.60	265.25	260.70	268.00	257.39	232.87	250.09	267.17	248.85	252.84	--	251.62
	1984-85	254.69	208.75	216.19	206.02	204.89	209.85	209.44	196.90	185.60	202.41	222.12	171.82	219.64	--	200.76
	1985-86	309.61	237.70	239.20	243.47	235.90	237.46	252.02	217.43	232.59	232.04	247.20	212.33	236.72	--	240.99
	1986-87	294.72	246.16	237.31	248.22	227.40	244.17	240.99	234.67	224.78	245.34	262.69	233.78	244.56	230.21	243.92
Coconut with husk/100 Nos	1970-71	49.67	55.55	--	58.78	61.16	--	66.27	58.66	58.59	55.11	54.11	--	57.26	--	56.68
	1975-76	61.75	66.55	--	66.70	68.17	72.42	75.44	70.08	71.83	68.92	63.90	--	61.98	--	66.86
	1980-81	132.41	138.84	--	140.81	140.55	154.31	143.88	154.61	134.85	128.75	125.30	--	140.63	--	138.09
	1981-82	105.03	115.79	--	119.06	114.41	127.57	119.63	126.53	121.08	103.09	106.15	--	110.70	--	114.00
	1982-83	127.50	144.70	--	148.57	142.90	159.86	157.87	158.57	148.27	138.71	136.19	125.00	143.76	--	144.32
	1983-84	225.31	256.41	244.86	243.37	242.79	263.99	264.46	257.52	252.53	221.55	234.10	308.75	234.40	--	242.73
	1984-85	242.29	270.94	270.72	264.38	274.96	296.74	283.20	272.48	267.25	262.45	237.29	--	268.71	--	261.60
	1985-86	133.02	152.60	140.29	153.55	147.98	160.40	163.55	161.88	166.44	142.49	129.86	--	130.83	--	146.91
	1986-87	225.15	242.17	234.63	255.81	253.13	261.41	260.41	255.38	253.92	227.92	220.10	182.50	241.18	265.00	241.40
Areca nut/ 100 Nos.	1970-71	3.49	4.87	--	4.28	3.66	--	3.85	4.58	3.51	3.46	2.35	--	3.18	--	3.74
	1975-76	4.36	4.14	--	3.77	4.13	3.49	3.87	4.91	3.22	3.47	3.14	--	3.29	--	3.83
	1980-81	9.31	8.05	--	7.26	7.34	5.49	7.95	8.76	7.23	8.25	6.02	--	7.69	--	7.60
	1981-82	8.34	6.90	--	7.80	7.11	6.47	7.63	10.44	7.52	9.12	7.30	--	7.53	--	8.04
	1982-83	9.32	8.84	--	8.53	7.19	7.77	7.70	11.50	7.70	9.26	5.85	6.25	7.17	--	8.09
	1983-84	11.71	12.46	12.07	12.40	10.82	10.81	11.95	12.52	10.33	11.13	7.22	6.38	7.93	--	10.00
	1984-85	13.63	13.10	13.49	12.06	11.67	12.19	12.62	17.07	10.70	14.32	8.34	--	11.10	--	12.47
	1985-86	15.03	11.77	10.31	11.18	9.93	9.26	12.85	15.72	11.74	10.68	8.42	7.83	10.72	--	11.19
1986-87	11.41	11.59	10.93	11.74	9.48	8.71	10.94	13.87	12.07	11.47	7.61	9.37	9.78	9.44	10.53	

(contd.)

(Table 11.1 contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Cashewnut/ Grade Qnt1.	1970-71	--	138.13	--	138.75	133.88	--	128.75	143.50	139.92	--	134.25	--	142.46	--	139.80	
	1975-76	233.75	259.50	--	239.00	236.67	198.89	244.19	238.17	239.33	233.54	243.34	--	250.06	--	244.04	
	1980-81	653.41	684.45	--	749.20	755.63	--	755.25	747.00	768.75	767.93	727.00	--	771.17	--	731.91	
	1981-82	731.56	662.43	--	610.17	780.00	693.33	754.44	695.63	709.17	636.67	677.58	--	609.32	--	655.53	
	1982-83	589.20	524.20	--	435.21	525.00	400.00	417.71	462.26	439.56	411.83	479.25	450.00	485.32	--	474.79	
	1983-84	816.67	818.23	761.11	730.42	751.04	834.38	831.25	800.08	785.75	866.50	921.17	641.67	893.50	--	869.89	
	1984-85	874.11	737.81	766.38	722.64	752.50	775.63	782.81	839.48	802.71	710.63	745.21	568.75	904.34	--	843.84	
	1985-86	1014.58	1098.17	1015.56	1029.00	1043.40	1004.17	1055.83	1183.46	1111.25	1123.34	1134.10	829.17	1127.92	--	1059.53	
	1986-87	1300.00	1298.89	1378.75	1264.38	1316.81	1354.17	1374.75	1403.20	1386.15	1320.83	1358.50	1168.75	1470.50	1477.75	1348.10	
Banana/ 100 Nos.	1970-71	17.73	18.14	--	17.38	18.66	--	18.70	16.29	16.95	16.48	14.32	--	13.81	--	16.69	
	1975-76	33.63	35.30	--	33.08	31.53	26.71	30.68	29.74	29.27	--	28.46	--	29.81	--	31.35	
	1980-81	44.04	40.77	--	36.84	39.66	33.39	36.69	41.33	37.32	39.29	34.21	--	33.78	--	38.65	
	1981-82	51.15	47.78	--	44.40	47.77	39.84	39.33	45.11	41.93	41.68	36.75	--	34.81	--	42.05	
	1982-83	59.26	53.95	--	49.40	52.67	41.88	44.25	42.29	45.88	46.52	39.97	38.69	38.36	--	46.16	
	1983-84	71.40	68.61	59.79	67.60	61.48	58.75	58.27	55.16	52.35	52.04	51.91	46.91	47.67	--	57.06	
	1984-85	69.42	65.51	58.26	64.17	61.14	56.77	52.91	58.86	48.70	53.99	51.29	45.94	48.35	--	56.15	
	1985-86	71.39	67.68	68.17	69.48	67.08	61.91	57.30	69.42	59.27	69.74	56.71	53.69	47.18	--	63.00	
	1986-87	83.06	74.20	72.33	87.15	78.01	65.07	60.36	66.31	64.26	70.00	57.01	51.84	54.66	61.50	67.19	
Tapioca/ Qnt1.	1970-71	20.43	21.00	--	21.56	20.66	--	24.03	20.24	17.25	16.27	17.23	--	29.76	--	20.59	
	1975-76	41.57	38.43	--	45.81	43.50	40.39	32.00	40.85	33.98	30.00	40.08	--	54.54	--	40.22	
	1980-81	35.46	29.85	--	38.01	41.51	41.46	35.67	43.81	34.54	40.49	44.52	--	55.37	--	37.67	
	1981-82	47.17	45.07	--	50.79	60.74	56.63	39.07	52.54	36.82	42.75	57.83	--	58.97	--	48.95	
	1982-83	59.43	50.75	--	53.73	74.28	78.50	60.27	71.37	59.27	57.29	86.94	74.38	72.51	--	61.91	
	1983-84	64.29	59.09	60.90	65.05	75.73	80.35	70.15	88.36	68.72	81.15	108.30	81.25	87.38	--	70.02	
	1984-85	41.78	46.34	55.96	58.18	76.51	62.22	47.40	69.90	50.64	66.53	59.17	60.38	95.92	--	56.95	
	1985-86	83.02	80.56	83.12	103.13	96.97	86.39	88.34	87.48	64.57	91.43	106.56	82.96	104.90	--	89.19	
	1986-87	86.01	78.54	96.31	107.83	104.45	112.45	94.83	104.43	89.63	66.74	124.38	107.01	116.67	--	94.93	

(Contd.)

(Table 11.1 contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Ginger/ Qntl.	1970-71	--	--	--	--	497.89	--	496.79	--	458.19	--	653.31	--	662.40	--	553.97	
	1975-76	--	837.56	--	--	738.92	764.40	693.75	--	691.67	646.25	850.52	--	817.64	--	781.48	
	1980-81	--	616.51	--	615.00	556.11	571.39	563.99	--	593.96	617.50	571.78	--	564.46	--	563.74	
	1981-82	--	934.62	--	1025.00	884.41	860.88	836.04	--	888.54	846.25	841.42	--	850.79	--	867.00	
	1982-83	--	1638.09	--	1616.67	1683.00	1616.54	1587.25	--	1650.14	1455.56	1644.97	1579.17	1608.24	--	1633.00	
	1983-84	--	1770.00	2833.75	--	2861.46	2842.08	2999.39	--	2673.75	2628.21	2686.11	2665.10	2735.11	--	2740.68	
	1984-85	--	2350.00	1923.93	--	2281.40	2190.95	2321.02	--	2258.99	1708.33	2275.13	2195.97	2211.18	--	2238.77	
	1985-86	814.58	754.64	1018.94	--	1009.05	1006.75	1077.92	808.33	1081.84	887.92	920.31	965.49	773.02	--	926.57	
	1986-87	--	1114.22	1121.04	--	1104.27	1047.36	1193.33	--	1137.56	1006.82	1190.00	1116.98	1096.04	1208.75	1121.49	
Sugarcane/ Ton	1970-71	--	73.70	--	--	--	--	--	--	74.20	--	--	--	--	--	74.03	
	1975-76	--	102.50	--	101.50	--	--	--	--	120.00	--	--	--	--	--	105.65	
	1980-81	--	139.58	--	--	--	--	--	--	200.00	--	--	--	--	--	195.10	
	1981-82	--	186.00	--	170.00	--	--	--	--	203.64	--	150.00	--	--	--	187.99	
	1982-83	--	170.00	--	148.89	--	--	--	--	160.42	--	--	--	--	--	154.65	
	1983-84	--	--	176.00	163.75	--	--	--	--	187.50	--	--	--	--	--	178.29	
	1984-85	--	--	190.00	170.00	--	--	--	--	185.21	--	--	250.00	--	--	182.35	
	1985-86	--	--	--	--	--	--	--	--	212.92	--	--	--	--	--	212.92	
	1986-87	--	--	213.47	--	--	--	--	--	279.69	--	--	--	--	--	246.58	
Pepper dry/ Qntl.	1970-71	545.68	529.22	--	553.75	599.73	--	636.11	623.43	612.23	--	654.84	--	649.47	--	616.90	
	1975-76	1128.13	1146.49	--	1168.42	1159.21	1165.67	1155.95	1083.37	1150.83	1130.00	1203.50	--	1195.94	--	1168.78	
	1980-81	1163.33	1234.78	--	1200.00	1181.52	1131.29	1216.81	1143.13	1210.98	1171.65	1214.33	--	1238.08	--	1208.23	
	1981-82	1160.94	1213.80	--	1075.00	1160.58	1172.34	1182.71	1159.39	1160.57	1171.32	1236.93	--	1209.16	--	1211.96	
	1982-83	1163.44	1160.56	--	1067.50	1176.17	1179.20	1197.40	1132.45	1184.69	1164.54	1211.62	1262.29	1215.90	--	1196.64	
	1983-84	1527.08	1518.33	1805.23	1660.42	1719.50	1783.05	1674.65	1813.47	1724.59	1693.49	1724.93	1789.90	1749.56	--	1725.33	
	1984-85	2580.21	2863.93	2999.17	2759.09	2902.17	2875.52	2998.00	2284.46	2892.01	2961.02	2917.36	2974.13	2964.37	--	2920.98	
	1985-86	3906.25	4007.98	4032.58	3913.64	4020.17	4010.33	4018.46	4081.48	3958.07	3945.31	4008.89	4062.08	4014.79	--	4331.66	
	1986-87	5237.50	5053.03	1299.79	5339.27	5343.63	5337.59	4377.60	5167.71	5293.23	5275.52	5377.71	5414.58	5427.81	5181.25	5223.30	

11.2 Wholesale price index number of agricultural commodities
yearly average (commodity-wise)

Commodity	(Base 1952-53 = 100)				
	1975	1980	1985	1986	1987
1	2	3	4	5	6
Rice	318.7	325.9	447.7	501.6	529.1
Molasses	415.8	631.0	709.1	758.3	858.2
Pepper	110.0	129.6	369.2	486.2	536.7
Ginger	479.4	294.4	1139.7	641.4	1060.0
Turmeric	667.5	546.4	3476.5	2209.3	2332.4
Areca nut	198.6	427.8	613.1	714.0	581.2
Cardamom	452.8	759.4	942.2	810.3	834.0
Banana	477.6	596.1	1016.2	1066.2	1154.0
Gingelly/Sesamum	484.4	711.1	852.7	923.0	1334.7
Groundnut	489.6	579.1	916.7	1054.4	1141.6
Cashewnut	387.4	767.5	1356.8	1810.9	1951.8
Tapioca	362.8	404.3	650.6	881.7	968.5
Coconut	479.4	835.2	1144.7	1228.8	1661.2
Lemongrass oil	465.6	647.8	1317.9	1298.0	1507.7
Tea	232.1	313.2	576.9	483.3	549.9
Coffee	283.3	325.0	524.3	571.0	648.6
Rubber	263.7	375.6	539.4	535.5	569.9

11.3 Wholesale price index number of agricultural commodities
yearly average (group-wise)

Group	(Base 1952-53 = 100)				
	1975	1980	1985	1986	1987
1	2	3	4	5	6
Rice	318.7	326.0	447.7	501.6	529.1
Molasses	415.8	631.0	709.1	758.3	858.2
Condiments & spices	218.4	399.9	636.9	689.4	625.6
Fruits & vegetables	384.9	588.3	1007.7	1323.7	1435.3
Food crops	316.7	392.1	581.5	679.3	708.5
Oil seeds	479.3	830.9	1141.9	1227.0	1650.2
Plantain crops	247.3	331.3	559.9	508.8	568.4
Non-food crops	409.2	680.0	966.1	1008.5	1323.5
All crops	350.4	497.2	721.9	799.5	933.0

11.4 Index number of parity between prices received and paid
by farmers (yearly average)

Details						
	1975	1980	1984	1985	1986	1987
1	2	3	4	5	6	7
Prices received	404	481	883	783	921	1063
Domestic expenditure	401	441	666	688	745	804
Farm cultivation cost	454	607	1086	1167	1299	1413
Prices paid	427	518	850	896	984	1066
Parity	95	93	104	87	93	100

11.5 Month-wise parity index and prices received and paid by the farmers
during the years 1985, 1986 and 1987

Year	Items	Janu- ary	Febr- uary	Mar- ch	Apr- il	May	June	July	Aug- ust	Sept- ember	Octo- ber	Novem- ber	Dec- ember	Yearly average
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1985	Prices received	866	816	814	813	781	772	782	752	740	752	755	748	783
	Domestic expenditure	683	678	673	674	680	688	696	697	692	693	695	701	688
	Farm cultivation cost	1144	1155	1142	1141	1158	1161	1163	1165	1188	1194	1197	1197	1167
	Prices paid	884	885	877	877	887	892	900	901	907	910	912	916	896
	Parity	98	92	93	93	88	86	87	83	82	83	83	82	88
1986	Prices received	775	807	840	887	907	902	895	912	994	1034	1049	1049	-
	Domestic expenditure	709	720	723	728	736	748	751	755	758	761	774	779	-
	Farm cultivation cost	1226	1242	1255	1239	1244	1294	1307	1330	1351	1368	1364	1370	-
	Prices paid	932	946	953	950	957	984	991	1002	1012	1020	1027	1033	-
	Parity	83	85	88	93	95	92	90	91	98	101	012	102	-
1987	Prices received	1040	1025	1024	1047	1071	1091	1096	1106	1076	1055	1060	1061	-
	Domestic expenditure	783	786	784	785	793	804	811	816	815	812	823	830	-
	Farm cultivation cost	1370	1369	1366	1393	1409	1414	1421	1430	1435	1445	1446	1459	-
	Prices paid	1036	1037	1035	1046	1057	1066	1074	1080	1081	1083	1091	1100	-
	Parity	100	99	99	100	101	102	102	102	100	97	197	96	-

11.6 Consumer price index numbers - yearly average

(Base 1970 = 100)

Centre	1976	1980	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10
Trivandrum	164	204	229	243	275	311	321	350	378
Quilon	167	206	235	250	285	318	329	355	390
Punaloor	165	199	222	238	275	303	308	334	358
Alleppey	164	199	229	242	276	303	311	336	365
Kottayam	158	202	229	245	275	311	322	347	371
Mundakkayam	167	193	224	238	272	297	298	321	352
Munnar	175	208	234	242	266	294	307	337	358
Ernakulam	161	196	223	236	263	293	303	325	354
Chalakydy	164	201	230	243	279	305	314	345	373
Trichur	163	206	234	245	276	306	317	342	364
Palghat	163	199	225	239	274	306	309	328	360
Malappuram	162	202	228	238	270	308	317	345	378
Kozhikode	166	204	229	243	270	300	317	343	374
Meppady	167	206	233	248	277	309	322	347	369
Cannanore	161	198	225	238	265	300	311	341	373

11.7 Yearly state average retail price of essential commodities

(Rupees)

Name of commodity	Unit	Year				
		1976	1980	1985	1986	1987
1	2	3	4	5	6	7
Rice (O.M)	Kg	2.62	2.40	4.06	4.30	4.34
Greengram	"	2.45	5.09	7.10	6.57	6.93
Blackgram	"	2.80	3.72	6.74	6.61	6.83
Redgram	"	2.18	3.83	6.01	6.24	6.50
Dhall	"	2.66	5.41	7.66	8.21	11.00
Coconut oil	"	10.41	16.61	21.78	23.81	32.67
Groundnut oil	"	7.94	12.25	18.14	21.86	26.80
Refined oil	"	11.73	16.23	27.28	29.76	39.99
Gingelly oil	"	9.65	14.62	19.33	21.36	29.76
Tapioca (raw)	"	0.56	0.66	1.13	1.45	1.56
Chenai	"	0.80	0.92	2.23	2.47	2.91
Banana (green)	"	2.36	2.55	4.08	4.39	4.77
Milk (Cow's)	Litre	2.32	2.62	3.99	4.37	4.61
Egg (Hen's)	Dozen	4.36	5.00	6.74	7.22	7.67
Mutton	Kg	10.56	18.50	25.93	30.12	33.65
Potato	"	1.24	2.08	2.35	3.64	3.16
Coriander	"	6.70	5.48	10.69	14.63	19.85
Chillies	"	8.91	8.40	19.31	12.54	15.37
Onion	"	0.93	1.50	2.13	3.59	3.85
Tamarind	"	3.13	7.14	10.42	10.44	9.57
Tea (Brookebond)	"	17.14	21.22	40.16	37.96	41.18
Coffee powder	"	16.70	17.59	28.98	32.39	34.15
Sugar (O.M)	"	4.70	6.91	6.22	6.30	6.42
Coconut (without husk)	100 Nos	88.88	134.31	189.20	209.53	287.36
Tobacco	Kg	16.13	12.44	18.42	18.07	15.19
Firewood (Local split)	Quintel	17.90	33.91	55.85	59.81	66.05
Mundu (Mill)	each	8.10	11.37	16.61	17.29	17.78
Mundu (Kora)	"	6.35	8.61	12.22	13.05	12.93
Pepper	24 Nos	1.65	2.17	3.03	3.20	3.16
Washing soda	Kg	1.90	4.34	6.08	6.05	5.84
Washing soap (sunlight bar)	each	1.53	2.21	3.62	3.74	3.83
Toilet soap (Lux)	"	1.29	1.83	2.87	2.93	3.67
Razor blade	5 Nos	0.60	0.74	1.74	1.86	2.12
Tooth paste (Colgate)	50 gm each	2.59	4.22	4.25	5.55	4.71
Anacin (2 tablets)	each	0.15	0.16	0.36	0.36	0.36
Electric bulb (40 W)	"	2.79	3.91	4.68	4.80	4.99
Aluminium cooking pot	Kg	24.27	32.81	50.58	50.02	51.49
Cemert	Bag	20.22	30.38	78.07	79.56	78.73
Babyfoog (amul)	Kg	19.20	26.15	45.30	43.96	45.97
Torch battery (Eveready)	each	1.67	2.04	3.26	3.30	3.46
Onion (big)	Kg	-	-	1.86	2.27	3.20
Brinjal	Kg	-	-	2.55	2.66	2.83
Cucumber	"	-	-	1.83	2.15	2.29
Ladies finger	"	-	-	2.74	3.38	3.32
Bitter gourd	"	-	-	4.13	4.67	4.99
Ash gourd	"	-	-	1.39	1.88	1.95
Colocasia	"	-	-	3.12	3.64	4.57
Chillies (green)	"	-	-	5.00	4.33	6.07
Plantain (green)	"	-	-	2.67	2.93	3.39
Pumpkin	"	-	-	1.65	2.06	2.34

11.8 Month-wise state average retail price of essential commodities 1987

Name of commodity	Unit	Jan- uary	Feb- ruary	Mar- ch	Apr- il	May	June	July	Aug- ust	Sept- ember	Octo- ber	Nov- ember	Dece- mber	State average
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Rice (O.M)	Kg	4.29	4.20	4.14	4.20	4.33	4.42	4.44	4.37	4.39	4.25	4.53	4.56	4.34
Greengram	"	6.19	6.36	6.48	65.91	7.12	7.25	7.40	7.36	7.12	6.89	7.02	7.16	6.93
Blackgram	"	6.71	6.68	6.67	6.63	6.65	6.63	6.63	6.97	6.97	6.94	7.12	7.35	6.83
Redgram	"	6.11	6.05	5.91	5.89	5.98	6.14	6.41	6.65	7.18	7.13	7.12	7.36	6.50
Dhall	"	9.30	9.46	9.58	10.07	10.56	10.86	11.20	11.19	11.65	11.82	12.66	13.68	11.00
Coconut oil	"	31.43	29.63	28.92	28.99	30.76	33.18	33.62	35.34	35.78	34.49	35.48	34.36	32.67
Groundnut oil	"	23.85	24.62	24.44	23.82	25.32	26.71	28.57	29.61	29.73	28.85	28.31	27.78	26.80
Refined oil	"	37.10	37.91	37.46	37.27	37.55	38.80	40.58	41.63	42.28	43.10	43.09	43.15	39.99
Gingelly oil	"	28.06	28.98	29.08	29.36	30.65	29.95	29.83	31.17	31.04	29.70	29.62	29.71	29.76
Tapioca	"	1.55	1.58	1.58	1.61	1.65	1.58	1.51	1.50	1.53	1.56	1.55	1.53	1.56
Chenai	"	2.33	2.49	2.58	2.91	3.36	3.50	3.32	3.10	2.92	2.78	2.81	2.78	2.91
Banana (green)	"	4.44	4.47	3.86	3.82	4.46	5.14	5.75	5.80	5.66	4.97	4.60	4.29	4.77
Milk (Cow's)	Litre	4.46	4.46	4.46	4.46	4.46	4.51	4.54	4.67	4.76	4.80	4.85	4.87	4.61
Egg (Hen's)	Dozen	7.63	6.50	6.79	6.88	7.38	7.54	7.93	7.61	7.85	8.01	9.00	8.92	7.67
Mutton	Kg	32.76	33.00	33.13	33.20	33.32	33.55	33.80	34.00	34.04	34.14	34.42	34.46	33.65
Potato	"	3.46	2.66	2.60	2.55	2.68	3.03	3.13	3.05	3.14	3.83	3.94	3.88	3.16
Coriander	"	20.57	19.21	18.20	17.91	19.40	20.17	20.17	20.44	20.61	20.71	20.74	20.11	19.85
Chillies (dry)	"	11.51	11.95	10.99	11.08	11.07	11.10	11.21	19.08	20.59	20.86	22.12	22.88	15.37
Onion	"	2.89	3.03	3.02	3.52	3.52	3.50	3.73	3.78	4.17	5.18	5.42	4.43	3.85
Tamarind	"	10.42	9.55	9.33	9.33	9.18	9.30	9.41	9.60	9.61	9.63	9.70	9.75	9.57
Tea (Brooke Bond)	"	41.08	41.27	41.52	41.61	41.61	41.51	41.19	40.89	40.83	40.92	40.90	40.87	41.18
Coffee Powder	"	34.64	35.46	35.09	34.74	34.74	34.73	33.87	32.67	32.72	33.23	33.79	34.08	34.15
Sugar	"	6.41	6.30	6.32	6.37	6.55	6.50	6.37	6.55	6.38	6.37	6.39	6.50	6.42
Coconut (without husk) 100 Nos		279.40	266.75	263.00	262.00	271.00	278.88	284.30	302.50	311.88	305.07	312.88	310.71	287.36
Tobacco	Kg	14.10	15.38	15.12	15.50	15.50	15.50	15.33	15.23	15.10	15.31	15.11	15.10	15.19

(Contd.)

(Table 11.8 contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Firewood (Local split) Quintel		64.38	65.00	67.85	65.88	66.88	67.03	66.88	66.82	66.82	64.35	63.61	67.07	66.05	
Mundu (Kora)	each	17.65	17.68	17.69	17.63	17.72	17.75	17.80	17.68	17.75	17.93	18.04	18.08	17.78	
Mundu (Kora)	"	13.03	13.21	13.38	13.37	13.39	13.42	13.18	12.05	12.38	12.48	12.60	12.68	12.93	
Paper	24 sheets	3.28	3.36	3.28	3.26	3.29	3.29	3.29	2.99	2.99	2.99	2.99	2.96	3.16	
Washing soda	Kg	5.80	5.81	5.80	5.75	5.75	5.75	5.78	5.44	6.01	6.01	6.06	6.08	5.84	
Washing soap	"	3.78	3.78	3.76	3.68	3.67	3.66	3.69	3.52	3.59	4.37	4.32	4.18	3.83	
Toilet soap (Lux)	cake	3.16	3.14	3.16	3.27	3.33	3.39	3.42	3.82	4.16	4.38	4.42	4.42	3.67	
Razor blade	1 dozen	1.91	1.93	1.96	1.98	1.99	2.11	2.21	2.27	2.27	2.28	2.29	2.29	2.12	
Tooth Paste (Colgate)	50 gm	4.52	4.60	4.67	4.68	4.73	4.77	4.76	4.76	4.77	4.76	4.76	4.76	4.71	
Anacin	2 tablets	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.36	0.37	0.37	0.36	0.36	
Electric Bulb	each	4.93	4.92	4.93	4.94	4.93	4.93	4.99	5.04	5.04	5.07	5.08	5.12	4.99	
Aluminium cooking pot	Kg	48.33	48.44	49.61	50.42	50.56	50.83	51.53	53.60	53.53	53.50	53.61	53.93	51.49	
Cement	Bag	77.15	77.08	76.02	75.88	75.88	76.82	77.55	80.00	81.68	82.76	82.75	81.70	78.73	
Baby food (amul)	Kg	44.48	44.65	44.63	44.64	44.44	44.67	45.56	45.93	46.25	48.07	49.20	49.12	45.97	
Torch Battery (Eveready)	each	3.30	3.30	3.34	3.40	3.43	3.49	3.52	3.52	3.53	3.57	3.56	3.55	3.46	
Onion (Big)	Kg	2.54	2.10	2.05	2.03	2.44	3.34	3.79	4.66	4.69	4.16	3.37	3.22	3.20	
Brinjal	"	2.40	2.53	2.48	2.70	2.84	2.88	2.67	2.86	2.91	3.04	3.30	3.38	2.83	
Pumpkin	"	2.06	2.08	2.09	2.45	2.45	2.61	2.51	2.39	2.50	2.30	2.32	2.34	2.34	
Cucumber	"	2.11	1.82	1.93	1.99	2.01	2.91	2.69	2.24	2.33	2.59	2.55	2.33	2.29	
Ladies finger	"	2.71	2.76	3.32	3.66	3.40	3.76	3.60	3.27	3.09	3.29	3.39	3.56	3.32	
Bitter gourd	"	4.36	3.96	4.05	4.78	5.17	6.57	5.53	4.15	4.67	5.75	5.50	5.36	4.99	
Ash gourd	"	2.05	1.89	1.73	2.01	1.93	2.17	2.10	1.98	1.99	1.84	1.82	1.85	1.95	
Colocasia	"	3.68	3.79	3.95	4.61	5.30	5.48	5.26	4.91	4.77	4.59	4.49	3.97	4.57	
Chillies (green)	"	4.03	3.73	4.09	4.93	6.33	7.55	6.76	7.39	7.00	5.36	5.72	9.96	6.07	
Plantain (green)	"	3.05	3.01	2.94	3.04	3.14	3.21	3.51	3.89	4.04	3.80	3.60	3.49	3.39	

XII. FOREIGN TRADE

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12.1 Foreign exports from the ports of Kerala

[value Rs.in lakhs]

Commodities	Unit	1981-82		1982-83		1983-84	
		Quantity	Value	Quantity	Value	Quantity	Value
1	2	3	4	5	6	7	8
1. Bricks and tiles	Nos.	561160	9.3	796950	13.35	5089.63	36.26
2. Cardamom	MT.	406.92	420.61	435.47	607.72	29.63	596.11
3. Cashew kernels	"	22328.05	15335.23	30256.43	12518.26	34118.22	15819.11
4. Cashew shell liquid		1007.32	151.34	3047.21	90.23	1711.20	85.92
5. Coffee		32648.23	6125.03	29072.82	6798.04	28671.43	8145.49
6. Coir yarn and fibre		10992.55	799.99	16714.70	1131.17	15838.91	1080.05
7. Coir products		12354.88	1528.22	9972.29	1269.61	12142.18	1494.06
8. Carriage & rope of vegetable fibre		3784.12	372.44	5062.19	419.98	1995.58	162.90
9. Fish and prawns		24588.00	11351.78	32452.11	14270.37	31409.22	13849.85
10. Ginger		3151.89	317.78	2406.04	418.50	3423.31	979.41
11. Hides and skins		1580.70	46.53	179.36	23.81	67.59	44.20
12. Jute & jute products		3.61	1.89	21.88	4.08	45.54	10.54
13. Metals, minerals and ores		73473.24	785.46	163879.97	1550.35	103556.06	1388.03
14. Moring meals		716.18	44.09	1193.62	36.06	1065.30	47.63
15. Pennycuiss oil		114.64	78.51	195.36	135.15	110.62	122.25
16. Sandalwood oil		197.60	76.45	498.42	80.36	711.45	132.54
17. Other vegetable oil		379.42	191.34	52.93	12.86	125.00	43.84
18. Pepper		14979.75	3055.96	25204.52	3769.26	27317.26	5477.35
19. Rubber manufactures		208.95	49.89	430.82	48.56	527.28	167.94
20. Tea		39099.84	5996.94	34508.80	6389.29	42589.10	13071.21
21. Turmeric		1747.18	106.88	1823.15	183.93	1426.21	260.32
22. Oil cake		288.63	3.31	-	-	0.80	1.70
23. Rose wood		-	129.21	-	158.38	-	98.50
24. Other kind of wood		-	449.09	-	447.25	-	555.93
25. Wood manufactures		-	118.85	-	117.56	-	51.28
26. Others		-	8514.65	-	11806.53	-	11985.66
Total			56060.90		62300.66		75708.08

(contd.)

(table 12.1 contd.)

Commodities	Unit	1984-85		1985-86		1986-87	
		Qty.	Value	Qty.	Value	Qty.	Value
1	2	9	10	11	12	13	14
1. Bricks and tiles	MT.	1513.79	13.75	531.37	54.54	433.70	68.03
2. Cardamom		510.80	998.35	677.87	1033.59	190.55	245.03
3. Cashew kernels		24298.54	12773.98	29864.27	21142.55	43509.03	29965.03
4. Cashew shell liquid		2007.63	107.13	1297.15	69.69	1547.40	79.53
5. Coffee		22446.53	7520.09	34868.18	11806.96	32938.72	10802.27
6. Coir yarn and fibre		9404.64	871.42	12876.59	1549.57	11446.22	1169.32
7. Coir products		9089.29	1260.15	12711.16	1969.99	11190.36	1920.54
8. Cardage & rope of vegetable fibre		1367.38	166.21	3667.61	503.84	3902.53	626.48
9. Fish and prawns		21178.66	10224.80	28723.56	13940.86	36365.77	16955.61
10. Ginger		4988.74	1088.03	4255.59	616.51	1366.23	220.06
11. Hides and skins		43.61	53.65	1135.72	46.51	1028.51	49.95
12. Jute & jute products		8.78	3.08	34.93	20.35	10.96	5.83
13. Metals, minerals and ores		66080.31	1291.42	82193.80	1169.89	541813.09	1922.08
14. Manioc meals		-	-	2139.89	360.27	1991.13	294.14
15. Lemongrass oil		158.21	180.57	9.02	11.75	15.84	22.91
16. Sandalwood oil		69.43	20.50	30.94	77.16	343.47	237.39
17. Other vegetable oil		174.07	71.77	29.92	146.08	258.52	417.60
18. Pepper		1136.71	3541.26	48610.23	23311.69	49382.03	20124.17
19. Rubber manufactures		1234.66	218.22	264.30	144.42	526.97	164.03
20. Tea		28705.96	9619.12	22907.72	5462.03	12637.18	3313.68
21. Turmeric		1420.25	360.48	2085.26	501.02	1580.44	339.32
22. Oil cake		-	-	-	-	9.71	8.04
23. Rose wood		-	73.20	-	38.43	-	610.11
24. Other kind of wood		-	321.60	-	296.13	-	151.97
25. Wood manufactures		-	31.19	-	208.01	-	40.09
26. Others		-	9348.05	-	9249.65	-	9644.94
Total			60158.02		93731.49		99599.04

12.2 Foreign imports into the ports of Kerala (commodity-wise)

Commodities	Unit	[value Rs.in lakhs]					
		1981-82		1982-83		1983-84	
		Quantity	Value	Quantity	Value	Quantity	Value
1	2	3	4	5	6	7	8
1. Cashewnut (raw)	MT.	7769.30	968.23	-	-	17383.13	1433.54
2. Chemical including sulphur	"	102828.25	2196.38	196565.63	2925.84	156973.99	4556.68
3. Coal coke & patent fuel	"	-	-	917.00	27.90	-	-
4. Copra	"	-	-	-	-	-	-
5. Cotton raw and waste	"	1199.00	176.39	6054.35	847.52	-	-
6. Cotton twist & yarn	"	-	-	-	156.92	-	75.55
7. Cotton piece goods	"	2.37	1.24	-	1056.38	2734.05	385.79
8. Cotton other manufacture	"	5.72	3.25	421.91	68.76	-	59.13
9. Drugs & medicine	"	298.06	37.90	59.13	177.62	12.96	74.18
10. Dying & tanning substance	"	0.91	0.25	65.69	12.87	138.88	18.24
11. Fruit & vegetable	"	-	-	1218.00	40.37	51.00	10.41
12. Paddy, rice & other food grains	"	73095.59	2506.93	85659.58	5660.54	157149.12	4769.39
13. Gums & resins	"	64.05	20.18	-	-	42.00	3.42
14. Hardware & cutlery	"	71925.66	487.90	94814.74	754.62	28131.33	331.28
15. Liquors	1000 Ltr.	70.78	8.54	-	0.38	-	1.95
16. Machinery & mill work	MT.	-	2440.09	-	2456.81	-	3425.89
17. Manure	"	69480.50	691.66	219913.55	2027.81	193359.58	2279.36
18. Metal minerals & ores	"	184566.56	2433.17	86201.80	2040.31	139320.24	280212.23
19. Kerosene oil	1000 Ltr.	54915.77	817.98	-	-	-	347.95
20. Lubricating oil	"	-	-	-	-	-	-
21. Other mineral oil including fuel oil	"	124298.83	3018.56	1.00	0.14	-	1041.71
22. Vegetable oil	"	2622.29	206.72	3488.10	281.38	-	307.20
23. Other kinds of oil	"	2476.42	98.36	8555.22	400.41	-	3.88
24. Paint & colour	"	125.08	25.02	-	-	40.18	7.57
25. Paper & paper board	MT.	26525.51	1444.26	35276.14	1237.30	1844.42	950.12
26. Provisions & oil manstores	"	-	-	-	-	-	-
27. Rubber (raw)	"	629.41	80.99	349.04	45.25	583.94	117.46
28. Rubber manufacture	"	127.00	24.30	-	39.84	-	47.87
29. Tobacco manufactures	"	-	-	-	0.51	-	-
30. Others	"	-	5686.62	-	5942.52	-	5291.67
Total		-	23374.92	-	26202.00	-	305752.47

(contd.)

(table 12.2 contd.)

Commodities	Unit	1984-85		1985-86		1986-87	
		Qty.	Value	Qty.	Value	Qty.	Value
1	2	9	10	11	12	13	14
1. Cashewnut (raw)	MT.	258.67	202.37	18586.70	1564.93	789544.15	3405.98
2. Chemicals including sulphur	"	607488.34	11148.42	375499.12	6191.87	397762.67	9122.74
3. Coal, coke & patent fuel	"	-	-	-	-	-	-
4. Copra	"	-	-	-	-	-	-
5. Cotton raw and waste	"	-	-	501.86	56.34	15.88	36.01
6. Cotton twist & yarn	"	-	4.52	23.01	8.69	-	82.78
7. Cotton piece goods	"	-	-	2761.44	612.96	-	22.91
8. Cotton other manufactures	"	-	20.52	-	33.10	287.45	41.05
9. Drugs & medicines	"	22.95	112.08	6.46	50.12	-	8.10
10. Dying & tanning substances	"	-	-	484.85	110.10	67.18	5.36
11. Fruits & vegetables	"	-	-	173.46	25.05	-	2.23
12. Paddy, rice & other food grains		20703.77	1002.54	13583.00	567.67	5292.21	391.25
13. Gums & resins	"	110.01	11.60	11222.23	282.82	102.41	70.71
14. Hardwares & cutlery	"	28646.20	649.36	41458.81	222.23	40.00	0.14
15. Liquors	1000 Ltr.	-	-	-	7.72	-	0.85
16. Machinery & mill works	MT.	-	193.73	-	3823.53	-	4533.12
17. Manures	"	45634.00	957.73	235050.95	4891.33	233397.00	2104.15
18. Metals, minerals & ores	"	306.02	43.89	-	1824.58	-	367.23
19. Kerosene oil	1000 Ltr.	-	-	-	4939.63	-	-
20. Lubricating oil	"	1.57	7.89	-	-	0.03	0.03
21. Other mineral oils including fuel oil	"	-	-	-	7071.47	-	0.02
22. Vegetable oils	"	1878.59	150.74	-	286.20	2078.31	189.22
23. Other kinds of oil	"	30.41	3.59	-	7.13	-	105.38
24. Paints & colours	"	0.01	0.19	-	3.93	37.58	11.02
25. Paper & paper board	MT.	72796.64	985.21	14645.38	768.98	19829.06	884.73
26. Provisions & oil manstores	"	49749.66	904.81	13275.60	838.55	-	-
27. Rubber (raw)	"	1116.46	37.42	-	35.08	598.31	60.76
28. Rubber manufactures	"	-	18.70	6292.34	229.42	-	44.23
29. Tobacco manufactures	"	-	-	-	-	-	-
30. Others	"	-	3079.46	-	2150.54	-	957.50
Total		-	19535.17	-	37404.17		22447.70

12.3 Foreign exports from the port of Cochin

[value Rs. in lakhs]

Commodities	Unit	1981-82		1982-83		1983-84	
		Quantity	Value	Quantity	Value	Quantity	Value
1	2	3	4	5	6	7	8
1. Bricks and tiles	1000 Nos.	11.50	0.20	-	-	-	-
2. Cardamom	MT.	406.92	420.61	435.47	607.72	229.63	596.11
3. Cashew kernels	"	22328.05	15335.23	30256.43	12518.26	34118.22	15819.11
4. Cashew shell liquid	1000 ltr.	1007.32	151.34	3047.21	90.23	1711.20	85.92
5. Coffee	MT.	32648.23	6125.03	29072.82	6798.04	28671.43	8145.49
6. Coir yarn and fibre	"	10746.52	772.66	16129.64	1052.03	15125.93	1070.40
7. Coir products	"	12288.59	1525.56	9956.14	1268.75	12142.18	1094.06
8. Cardage & rope of vegetable fibre	"	3784.12	372.44	5062.09	419.95	1995.58	162.90
9. Fish and prawns	"	24588.00	11351.78	32452.11	14270.37	31182.27	13749.78
10. Ginger	"	3151.89	317.78	2405.89	418.49	3423.31	979.41
11. Hides and skins	"	1590.70	46.53	179.36	23.81	67.59	44.20
12. Jute & jute products	"	3.61	1.89	21.88	4.08	45.54	10.54
13. Metals, minerals and ores	"	7457.88	541.26	12161.85	952.80	26988.06	1085.94
14. Manioc meals	"	716.18	44.09	1193.62	36.06	1065.30	47.63
15. Lemongrass oil	1000 ltr.	114.64	78.51	195.36	135.15	110.62	122.25
16. Sandalwood oil	"	197.60	76.45	498.42	80.36	711.45	132.54
17. Other vegetable oil	"	376.42	191.34	52.93	12.86	125.08	43.84
18. Pepper	MT.	14975.65	3055.24	25193.43	3767.75	27310.54	5475.93
19. Rubber manufactures	"	208.95	49.89	430.82	48.56	527.20	167.94
20. Turmeric	"	1747.18	106.88	1823.15	183.93	1426.21	260.32
21. Tea	"	39099.84	5996.94	34508.80	6389.29	42589.10	13071.21
22. Oil cake	"	288.63	3.31	-	-	0.80	1.70
23. Rose wood	"	-	446.61	-	398.71	-	555.93
24. Other kind of wood	"	-	65.47	-	121.71	-	82.64
25. Wood manufactures	"	-	30.89	-	56.83	-	22.56
26. Others	"	-	8394.50	-	11774.37	-	11940.02
Total		-	55502.43	-	61430.08	-	74768.37

(contd.)

(table 12.3 contd.)

Commodities	Unit	1984-85		1985-86		1986-87	
		Qty.	Value	Qty.	Value	Qty.	Value
1	2	9	10	11	12	13	14
1. Bricks and tiles	1000 Nos.	44.54	0.43	319.99	39.31	433.70	68.03
2. Cardamom	MT.	510.80	998.35	677.87	1033.39	190.55	245.03
3. Cashew kernels	"	24298.54	12773.98	28864.27	21142.55	43509.03	29965.92
4. Cashew shell liquid	1000 ltr.	2007.63	1007.13	1297.15	69.69	1547.40	79.53
5. Coffee	MT.	22446.53	7520.09	34868.18	11806.96	32938.72	10802.27
6. Coir yarn and fibre	"	9311.81	863.00	12798.85	1542.81	11446.22	1169.32
7. Coir products	"	9078.40	1259.20	12703.45	1969.26	11190.36	1920.54
8. Cardage & rope of vegetable fibre	"	1367.38	166.21	3667.61	503.84	3902.53	626.48
9. Fish and prawns	"	21178.66	10224.80	28723.56	13940.82	36365.77	16955.61
10. Ginger	"	4988.74	1088.03	4255.59	616.51	1366.23	220.06
11. Hides and skins	"	43.61	63.65	1135.72	46.51	1028.51	49.95
12. Jute & jute products	"	8.78	3.08	34.93	20.35	10.96	5.83
13. Metals, minerals and ores	"	7616.31	780.88	6395.92	706.84	5813.09	737.85
14. Manioc meals	"	-	-	2115.99	357.72	1991.13	294.14
15. Lemongrass oil	1000 ltr.	158.21	180.57	9.02	11.75	15.84	22.91
16. Sandalwood oil	"	69.43	20.50	30.94	77.16	343.46	237.39
17. Other vegetable oil	"	174.07	71.77	29.92	146.08	298.52	417.60
18. Pepper	MT.	11136.71	3541.26	48610.23	23311.69	49382.03	20124.17
19. Rubber manufactures	"	1234.66	218.22	264.30	144.42	526.97	164.03
20. Turmeric	"	1420.25	360.48	2085.26	501.02	1580.44	339.32
21. Tea	"	28705.96	9619.12	22907.26	5469.03	12637.18	3313.18
22. Oil cake	"	-	-	-	-	9.71	8.04
23. Rose wood	"	-	321.60	-	293.74	-	151.77
24. Other kind of wood	"	-	53.04	-	28.70	-	610.77
25. Wood manufactures	"	-	16.81	-	195.00	-	40.09
26. Others	"	-	9313.25	-	9249.65	-	9841.94
Total		-	60465.45	-	93217.84	-	98411.61

12.4 Foreign imports into the port of Cochin (commodity-wise)

[value Rs.in lakhs]

Commodities	Unit	1981-82		1982-83		1983-84	
		Qty.	value	Qty.	Value	Qty.	value
1	2	3	4	5	6	7	8
1. Cashewnut (raw)	MT.	7769.30	968.23	-	-	17383.13	1433.54
2. Chemicals including sulphur	"	101928.29	2196.38	196565.63	2925.84	156973.99	4556.68
3. Coal, coke & patent fuel	"	-	-	917.00	27.93	-	-
4. Copra	"	-	-	-	-	-	-
5. Cotton raw and waste	"	1199.00	176.39	6054.35	347.52	-	-
6. Cotton twist & yarn	"	-	-	-	156.92	-	75.55
7. Cotton piece goods	"	2.37	1.24	-	1056.38	2734.05	385.79
8. Cotton other manufactures	"	5.72	3.25	421.91	68.76	-	59.13
9. Drugs & medicines	"	298.06	37.90	58.13	177.62	12.96	74.18
10. Dying & tanning substances	"	0.91	0.25	65.69	12.87	138.88	18.24
11. Fruits & vegetables	"	-	-	1218.00	40.37	51.00	10.41
12. Paddy, rice & other food grains		73034.80	1545.41	85659.58	5660.54	156802.25	3871.05
13. Gums & resins	"	64.05	20.18	-	-	42.00	3.42
14. Hardware & cutlery	"	71925.66	487.90	94816.74	754.62	28131.33	331.28
15. Hides	1000 Ltr.	70.78	8.54	-	0.38	-	1.95
16. Machinery & mill works	MT.	-	2440.09	-	2466.81	-	3425.89
17. Manures	"	38295.50	691.66	219913.55	2027.81	193359.58	2279.36
18. Metals, minerals & ores	"	184566.56	2433.17	86201.80	2040.31	62102.39	1849.08
19. Kerosene oil	1000 ltr.	54915.77	817.98	-	-	-	347.95
20. Lubricating oil	"	-	-	-	-	-	-
21. Other mineral oils including fuel oil	"	124298.83	3018.56	1.00	0.14	-	1011.71
22. Vegetable oils	"	2622.29	206.72	3488.10	281.38	-	307.20
23. Other kinds of oil	"	2476.42	98.36	8555.22	400.41	-	3.88
24. Paints & colours	"	125.08	25.02	-	-	40.18	7.57
25. Paper & paper board	MT.	26525.51	1444.26	35276.14	1237.30	18441.42	950.12
26. Provisions & oil manstores	"	-	-	-	-	-	-
27. Rubber (raw)	"	629.41	80.99	349.04	45.25	583.94	117.46
28. Rubber manufactures	"	127.00	24.30	-	39.84	-	47.87
29. Tobacco manufactures	"	-	-	-	0.51	-	-
30. Others	"	-	5662.34	-	5942.52	-	5291.67
Total			22379.12		25712.00		26460.98

(contd.)

(table 12.4 contd.)

Commodities	Unit	1984-85		1985-86		1986-87	
		Qty.	Value	Qty.	Value	Qty.	Value
1	2	9	10	11	12	13	14
1. Cashewnut (raw)	MT.	1258.67	202.37	18586.70	1564.93	789544.15	3405.98
2. Chemicals including sulphur	"	607488.34	11148.42	375499.12	6991.87	397762.67	9122.74
3. Coal, coke & patent fuel	"	-	-	-	-	-	-
4. Copra	"	-	-	-	-	-	-
5. Cotton raw and waste	"	-	-	501.86	56.54	15.88	36.01
6. Cotton twist & yarn	"	-	4.52	23.01	8.69	-	82.78
7. Cotton piece goods	"	-	-	-	33.10	-	22.91
8. Cotton other manufactures	"	-	20.92	2761.44	612.96	287.45	41.05
9. Drugs & medicines	"	22.95	112.08	6.46	50.12	-	8.10
10. Dying & tanning substances	"	-	-	484.85	110.10	67.18	5.36
11. Fruits & vegetables	"	-	-	173.46	25.05	-	2.23
12. Paddy, rice & other food grains		19259.97	960.29	13583.00	567.67	5292.21	391.25
13. Gums & resins	"	110.01	11.60	11222.23	282.82	102.41	70.91
14. Hardwares & cutlery	"	28646.20	649.36	41458.81	222.23	40.00	0.14
15. Liquors	1000 Ltr.	-	-	-	7.72	-	0.85
16. Machinery & mill works	MT.	-	193.69	-	3743.37	-	4533.12
17. Manures	"	45634.00	957.73	235050.95	4891.33	233397.00	2104.15
18. Metals, minerals & ores	"	306.02	43.89	-	1824.58	-	367.23
19. Kerosene oil	1000 Ltr.	-	-	-	4939.63	-	-
20. Lubricating oil	"	1.57	7.89	-	-	0.03	0.03
21. Other mineral oils including fuel oil	"	-	-	-	7071.47	-	0.02
22. Vegetable oils	"	1878.59	150.74	-	286.20	2078.31	189.22
23. Other kinds of oil	"	30.41	3.59	-	7.13	-	105.38
24. Paints & colours	"	0.01	0.19	-	3.93	37.58	11.02
25. Paper & paper board	MT.	72796.64	985.21	14645.38	768.98	19829.06	884.73
26. Provisions & oil manstores	"	49749.66	904.81	13275.60	838.55	-	-
27. Rubber (raw)	"	1116.46	37.42	-	35.08	598.31	60.76
28. Rubber manufactures	"	-	18.70	6292.34	229.42	-	44.23
29. Tobacco manufactures	"	-	-	-	-	-	-
30. Others	"	-	3079.46	-	2150.54	-	957.50
Total		-	19492.88	-	37524.01	-	22447.70

12.5 Foreign exports from the intermediate and minor ports in Kerala

[value Rs.in lakhs]

Commodities	Unit	1981-82		1982-83		1983-84	
		Qty.	value	Qty.	Value	Qty.	Value
1	2	3	4	5	6	7	8
NEENDAKARA PORT							
Metals, minerals & ores	MT.	66015.00	244.11	151505.00	588.30	76568.00	302.09
Fish & prawns	"	-	-	-	-	226.95	100.07
Total			244.11		588.30		402.16
KOZHICODE PORT							
Bricks & tiles	Nos.	549660	9.23	796950	13.35	5089.63	36.26
Coir products	MT.	66.29	2.66	16.15	0.86	-	-
Coir yarn & fibre	"	246.03	27.33	171.06	10.37	712.98	9.65
Cardage & rope of vegetable fibre	"	-	-	0.10	0.03	-	-
Metals, minerals & ores	"	0.36	0.09	212.02	9.25	-	-
Pepper	"	4.10	0.72	11.19	1.51	6.72	1.42
Ginger	"	-	-	0.15	0.04	-	-
Rosewood	"	-	2.48	-	48.54	-	-
Wood manufactures	"	-	87.96	-	50.73	-	28.72
Other kinds of wood	"	-	63.74	-	36.67	-	15.86
Others	"	-	120.15	-	32.16	-	45.64
Total			314.36		203.51		137.55
ALLEPPEY PORT							
Coir yarn & fibre	MT.	-	-	414.00	68.77	-	-
Grand total			558.47		860.58		539.71
Commodities	Unit	1984-85		1985-86		1986-87	
		Qty.	Value	Qty.	Value	Qty.	Value
1	2	9	10	11	12	13	14
NEENDAKARA PORT							
Metals, minerals & ores	MT.	58464.00	510.54	75774	459.44	53600	1184.23
Fish & prawns	"	-	-	-	-	-	-
Total			510.54		459.44		1184.23
KOZHICODE PORT							
Bricks & tiles	MT.	1469.25	13.32	2113.83	15.24	-	-
Coir products	MT.	10.89	0.95	7.71	0.73	-	-
Coir yarn & fibre	"	92.83	8.42	77.74	6.76	-	-
Cardage & rope of vegetable fibre	"	-	-	-	-	-	-
Metals, minerals & ores	"	-	-	23.86	3.61	-	-
Pepper	"	-	-	-	-	-	-
Ginger	"	-	-	-	-	-	-
Rosewood	"	-	-	-	2.39	-	-
Wood manufactures	"	-	14.38	-	13.01	-	-
Other kinds of wood	"	-	20.16	-	9.73	-	-
Others	"	-	34.80	42.35	64.26	-	-
Total			92.03		115.73		
ALLEPPEY PORT							
Coir yarn & fibre	MT.	-	-	-	-	-	-
Grand total			602.57		575.17		1184.23

12.6 Foreign imports into the intermediate and minor ports of Kerala

[value Rs. in lakhs]

Commodities	Unit	1981-82		1982-83		1983-84		1984-85		1985-86		1986-87	
		Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
1	2	3	4	5	6	7	8	9	10	11	12	13	14
KOZHIKODE PORT													
Paddy, rice & other food grains	MT.	6079	96.15	-	-	34687	898.34	1443.80	47.25	-	-	-	-
Cement	"	-	-	41800.00	201.61	-	-	-	-	-	-	-	-
Accessaries & stores for scrapping	"	-	-	-	10.94	-	-	-	-	-	80.16	-	-
Machinery of mill work	"	-	-	-	-	-	-	-	-	-	-	-	-
Others	"	-	34.28	-	-	-	-	-	36.25	-	-	-	-
NEENDAKARA PORT													
Metals, minerals & ores	"	-	-	-	-	71217.85	278363.15	-	-	-	-	-	-
Total	"	-	130.43	-	212.55	111904.85	279261.49	-	83.50	-	80.16	-	-

XIII. PUBLIC DISTRIBUTION SYSTEM

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13.1 Public distribution system of essential commodities in Kerala

	Unit	1980	1981	1982	1983	1984	1985	1986	1987
1	2	3	4	5	6	7	8	9	10
Number of ration cards for families	'000	4007	4109	4109	4190	4898	4373	4710	4789
Ration permits for institutions	No.	5527	6143	6567	6722	7617	7922	6465	6797
Number of F.C.I. sub-depots	No.	22	22	22	22	22	22	22	22
<u>Number of wholesale shops</u>									
a) Co-operative	No.	43	45	45	48	45	46	41	48
b) Others	No.	217	227	214	230	235	241	248	249
<u>Number of retail shops</u>									
a) Co-operative	No.	1769	1641	1593	1590	1532	1441	1317	1269
b) Others	No.	9735	9994	9867	10266	10625	11062	11427	11567

Source: Civil supplies.

13.2 District distribution of ration population, numbers of units and cards as on 31.12.1987

Districts	Ration population			(in ('000)')s	
	Adult	Children	Total	No. of Ration Units	No. of Ration Cards
	1	2	3	4	5
Trivandrum	2162	473	2635	4796	551
Quilon	1710	428	2138	3848	422
Pathanamthitta	883	198	1081	1963	218
Alleppey	1496	354	1850	3347	364
Kottayam	1361	295	1656	3017	316
Idukki	839	197	1036	1875	190
Ernakulam	2065	435	2500	4565	480
Trichur	2125	497	2622	4748	464
Palghat	1551	395	1946	3497	390
Malappuram	1895	654	2548	4442	412
Kozhikode	1752	482	2234	3987	405
Wayanad	387	116	504	892	103
Cannanore	1522	442	1964	3486	326
Kasaragod	674	212	886	1560	148
Total	20422	5178	25600	46023	4789

(Source:- Revenue Board (civil supplies).)

13.3 Allotment of rice and wheat to kerala from central pool

Year	('000 M.Ts)				
	Qty. allotted	Rice		Wheat	
		Lifted	Qty.alloted	Lifted	
1	2	3	4	5	
1980	1620	785	102	46	
1981	1575	1075	48	45	
1982	1205	1170	88	68	
1983	1350	1297	364	204	
1984	1360	1339	420	146	
1985	1460	1412	420	110	
1986	1650	1603	420	98	
1987	1660	1617	420	105	

(Source:- Revenue board (civil supplies).)

13.4 Allotment of sugar, kerosene, palmolien and cloth 1980 to 1987

Year	Sugar	Kerosene	Palmolien	Cloth
	(000)MT	(000)KL	(000MT)	(std.bales)
	Allotment	Allotment	Allotment	Allotment
1	2	3	4	5
1980	126	167	-	13806
1981	123	178	-	8698
1982	126	190	-	3646
1983	150	208	37	6101
1984	127	222	48	5573
1985	142	235	43	3833
1986	140	258	-	6714
1987	146	292	43	9166

XIV. FIVE YEAR PLAN

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14.1 Five year plans - percapita plan outlays

Plans	(Rupees)	
	Kerala	All States
1	2	3
I Plan	22	26
II Plan	45	54
III Plan	96	88
Annual plans 1966 - 1969	66	63
IV Plan	121	128
V Plan	588	683
VI Plan	588	683
VII Plan	741	1054
Annual Plan		
(a) 1985-86	130	178
(b) 1986-87	140	213
(c) 1987-88	155	245

(Source:- Kerala economy in figures 1987, State Planning Board).

14.2 Five year plans kerala actual expenditure

(Rs. in Lakhs)

Head of development	1st plan	2nd plan	3rd plan	Annual	4th plan	5th plan	Annual	5th plan
	1951-56	1956-61	1961-66	plan 1966-69	1969-74	1974-78 Annual plan 1978-79	plan 1979-80	1980-85
	1	2	3	4	5	6	7	8
Agricultural & allied services	249 (9.6)	795 (9.9)	2586 (14.2)	3290 (22.8)	4420 (12.8)	10371 *101 (15.2)	3782 (15.8)	33160 *1905 (19.5)
Co-operation	-	541 (6.7)	1098 (6.0)	600 (4.2)	1199 (3.5)	783 *22 (1.2)	275 (1.2)	3810 *47 (2.1)
Irrigation & power	1571 (60.7)	3274 (40.8)	7634 (41.9)	5442 (37.7)	14329 *1140 (44.7)	26566 *614 (39.3)	8171 *332 (35.5)	60177 *1635 (34.3)
Industry & mining	50 (1.9)	604 (7.5)	1437 (7.9)	1335 (9.2)	2502 *100 (7.5)	7724 *71 (11.3)	4367 (18.2)	16630 *17 (9.2)
Transport & communications	336 (13.0)	718 (9.0)	1196 (6.6)	1067 (7.4)	3076 (9.8)	4788 *2 (6.9)	1625 *172 (7.5)	11861 (6.6)
Social services	383 (14.8)	2019 (25.2)	4170 (22.9)	2661 (18.4)	7766 (22.5)	16424 (23.8)	4907 @19 (20.6)	46849 @153 *910 26.6
Miscellaneous	-	71 (0.9)	110 (0.5)	42 (0.3)	44 (0.1)	*94 (0.4) (0.4)	- @197	- -
Economic services	-	-	-	-	-	155 *258 (0.6)	59 - (0.2)	551 - (0.3)
General services	-	-	-	-	-	930 (1.3)	245 (1.0)	2457 (1.4)
Total state plan	2589 (100.0)	8022 (100.0)	18231 (100.0)	14437 (100.0)	34576 (100.0)	69100 (100.0)	23954 (100.0)	180162 (100.0)

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*Plan assistance outside the state plan ceiling. @ Share of E.S.I. Corporation. Figures given in brackets are percentages.
(Source:- Kerala budget in brief 1988-89).

13.3 Trend in the over-all position of the state budgets (revenue account)
from 1980-81 to 1988-89

	(Rs. in crores)									
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	
	accounts	accounts	accounts	accounts	accounts	accounts	accounts	revised estimate	budget estimate	
	1	2	3	4	5	6	7	8	9	10
Revenue receipts	640.38	850.48	810.20	934.26	1124.99	1371.17	1502.53	1648.47	1803.41	
Revenue expenditure	667.61	754.50	783.39	992.44	1138.66	1445.34	1654.77	1801.62	1942.55	
Revenue surplus (+) or Deficit (-)	(-127.23)	(+195.98)	(+26.81)	(-58.18)	(-13.67)	(-174.17)	(-152.24)	(-153.15)	(-139.14)	

14.4 Trends in revenue receipts - 1980-81 to 1988-89

	(Rs. in lakhs)									
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	
	Accounts	Accounts	Accounts	Accounts	Accounts	Accounts	Accounts	Revised Estimate	Budget Estimate	
	1	2	3	4	5	6	7	8	9	10
I. Taxes & duties*	48795	54499	62429	69625	85493	93899	115309	129601	141342	
Percentage to total	76.26	64.08	77.05	74.53	75.99	68.48	76.74	78.62	78.37	
Index	100	112	128	143	175	192	236	266	290	
(i) Share of Central Taxes	15139	17078	18594	20948	23328	20849	33919	32605	35770	
Percentage to total	23.62	20.08	22.95	22.42	20.74	15.20	22.57	19.78	19.83	
(ii) State taxes and duties	33655	37421	43834	48677	62165	73050	81390	96996	105572	
Percentage to total	52.64	44.00	54.10	52.11	55.25	53.28	54.17	58.84	58.54	

(Contd.)

(Table 14.4 contd)

	1	2	3	4	5	6	7	8	9	10
II. Non-tax revenue		15243	30549	18591	23801	27006	40518	34944	53246	38999
Percentage to total		23.93	35.92	22.95	25.47	24.01	31.52	23.26	21.38	21.63
Index		100	200	122	156	177	266	229	231	256
(i) Interest receipts		895	386	1018	951	3062	2411	3548	1532	1619
Percentage to total		1.4	0.45	1.26	1.02	2.72	1.76	2.36	0.93	0.90
(ii) Other non-tax revenue		14348	30163	17573	22850	23944	40807	31396	33714	37380
Percentage to total		22.43	35.47	21.69	24.45	21.29	29.76	20.90	20.45	20.73
III. Total Revenue		64038	85048	81020	93426	112499	134417	150253	164847	180341
Index		100	133	127	146	176	210	235	257	282

* Including grants in lieu of the tax on railway passenger service.

14.5 Trends in state taxes and duties - (1980-81 to 1988-89)

	(Rs. in lakhs)									
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	
	Accounts	Accounts	Accounts	Accounts	Accounts	Accounts	Accounts	Revised	Budget	
	1	2	3	4	5	6	7	Estimate	Estimate	10
1. Taxes on agriculture income	1130	886	1087	1313	1872	2083	1626	1897	2097	
Percentage to total	0.36	2.37	2.56	2.70	3.01	2.85	2.00	1.96	1.99	
2. Land revenue	320	313	347	477	630	583	614	806	1097	
Percentage to total	0.95	0.84	0.79	0.98	1.01	0.80	0.75	0.83	1.04	
3. Stamps and registration	2583	2953	3262	3800	4303	4627	5443	6286	6521	
Percentage to total	7.68	7.89	7.44	7.81	6.92	6.33	6.69	6.48	6.18	
4. State excise duties	6523	5399	7336	8073	10030	10407	11760	16500	16500	
Percentage to total	19.38	14.43	16.74	16.59	16.14	14.26	14.45	17.01	15.63	
5. Sales tax	20394	24549	27520	30661	37519	45842	51672	61042	67112	
Percentage to total	60.60	65.63	62.78	62.99	60.35	62.75	63.49	62.93	63.57	
6. Taxes on vehicles	2001	2165	2599	3132	4048	4711	5336	5711	7152	
Percentage to total	5.95	5.79	5.93	6.43	6.51	6.45	6.55	5.89	6.77	
7. Taxes on goods & passenger	3	2	2	2	2	1	2	2	2	
Percentage to total	-	-	-	-	-	-	-	-	-	

(Contd.)

(Table 14.5 contd.)

	1	2	3	4	5	6	7	8	9	10
8. Taxes & duties of electricity		645	1123	1627	1142	3639	4627	4677	4443	4680
Percentage to total		1.92	3.00	3.71	2.35	5.86	6.33	5.75	4.58	4.43
9. Other taxes & duties on commodities & services		56	31	54	77	122	169	259	309	411
Percentage to total		0.16	0.05	0.05	0.15	0.20	0.23	0.32	0.32	0.39
10. Total (1 to 9)		33655	37421	43834	48677	62165	73050	81389	96996	105572
Index		100	111	130	145	185	217	242	288	314

14.6 Trends in developmental expenditure (1980-81 to 1988-89)

	(Rs. in lakhs)									
	1980-81 Accounts	1981-82 Accounts	1982-83 Accounts	1983-84 Accounts	1984-85 Accounts	1985-86 Accounts	1986-87 Accounts	1987-88 Revised Estimate	1988-89 Budget Estimate	
	1	2	3	4	5	6	7	8	9	10
Social & development services	44807	49369	49591	62161	71094	83204	94551	105330	112930	
Percentage to total	90	90	88.47	88.87	89.47	80.29	84.78	89.02	89.40	
(a) Education	21325	24251	26697	30975	34897	41667	48126	52513	54773	
Percentage to total	43	44	47.63	44.28	43.92	40.21	43.16	44.38	43.36	
(b) Medical & public health family planning	6443	7505	7535	6672	11132	12055	13375	18136	19220	
Percentage to total	13	14	13.44	9.54	14.00	11.63	12.89	15.38	15.21	
(c) Agriculture, animal husbandry co-operation and rural development	5836	6504	5425	8900	8562	8630	10834	11192	12744	
Percentage to total	12	12	9.68	12.72	10.78	8.33	9.71	9.46	10.00	
(d) Community development & Miscellaneous social & development organisation etc. & scientific department										
Percentage to total	8358	9176	8464	12589	13463	16742	17141	18364	20383	
	17	17	15.10	18.00	16.94	16.15	15.37	15.52	16.14	

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(Contd.)

(Table 14.6 contd.)

	1	2	3	4	5	6	7	8	9	10
(e) Industries and labour & employment		2845	1933	1470	3025	3040	4110	4075	5125	5810
Percentage to total		6	3	2.62	4.32	3.83	3.97	3.65	4.33	4.60
2. Irrigation		861	1300	976	963	459	1390	2019	2008	2046
Percentage to total		2	2	1.74	1.38	0.58	1.34	1.81	1.70	1.62
3. Public works		2504	2533	3205	3949	2674	2337	5696	5853	5329
Percentage to total		5	5	5.72	5.64	3.37	2.26	5.11	4.95	4.22
4. Forest		1073	1259	1124	1435	1503	2169	2750	3098	3633
Percentage to total		2	2	2.01	2.05	1.89	2.09	2.47	2.62	2.88
5. Transport & communications (Other than roads)		95	144	428	427	478	696	1610	479	540
Percentage to total		0.2	-	0.76	0.61	0.60	0.67	1.44	0.40	0.43
6. Housing & urban development		635	584	536	725	902	813	868	688	1280
Percentage to total		1.5	1	0.96	1.04	1.13	0.78	0.78	0.58	1.01
7. Others		47	51	191	288	2350	13025	4026	861	557
(i) Relief on account of natural calamities		-	-	156	217	2273	12937	3925	804	500
(ii) Other social and community services		-	-	35	71	77	88	101	57	57
Percentage to total		-	-	0.34	0.41	2.96	12.57	3.63	0.73	0.44
8. Total		50021	55240	56051	69948	79460	103634	111520	118317	126315
Index		100	110	112	140	159	207	223	237	253

XV. STATE DOMESTIC PRODUCT

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15.1 Net state domestic product at factor cost by industry of origin (at current prices)

Industry of origin	[Rs. in lakhs]									
	1	2	3	4	5	6	7	8	9	10
	1970-71	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Agriculture	58263	58263	91510	129481	130114	151684	194758	222933	200969	230995
Forestry & logging	1102	1102	3165	7034	3927	9704	5245	5919	7085	6282
Fishing	2569	2569	6615	7997	6677	8407	9442	9379	12284	12652
Mining & quarrying	96	96	199	531	701	857	807	910	1086	954
Sub-total - primary	62030	62030	101489	145043	141419	170652	210252	229141	221424	250883
Manufacturing	15632	15632	29646	54524	60822	67238	74336	82517	91413	101377
Registered	7031	7031	14430	31164	35723	39799	44994	50857	57214	64572
Unregistered	8601	8601	15216	23360	25099	27439	29342	31660	34199	36805
Construction	3668	3668	7198	15943	18045	20253	26060	25360	31632	36611
Electricity, gas & watersupply	1181	1181	2317	7824	6569	6502	6211	9830	11570	13628
Sub-total - secondary	20481	20481	39161	78291	85436	93993	106407	117707	134615	151616
Transport, Storage communications	6063	6063	13751	22974	25962	27828	32430	37567	44146	51416
Railways	639	639	940	1173	1711	2155	2565	2622	3693	4431
Transport by other means & storage	4580	4580	11313	18853	21248	21969	25531	29691	34441	39951
Communications	844	844	1498	2948	3003	3704	4334	5254	6012	7034
Trade, hotels & restaurants	16260	16260	28010	42948	43619	49465	57827	64980	63499	68578
Banking and insurance	1629	1629	5115	11158	15384	19356	22406	27613	32903	38825
Real estate ownership of dwelling etc.	2395	2395	2961	5261	5370	5589	6123	6374	6635	7033
Finance and real estate	4024	4024	8076	16419	20754	24945	28529	33987	39538	45858
Public administration	3712	3712	7283	15265	16977	18019	19838	25455	29019	32501
Other services	12894	12894	25054	29596	35483	40525	46367	52524	59509	67242
Community & personal services	16606	16606	32337	44861	52460	58544	66205	77979	88528	99746
Sub-total - tertiary	42953	42953	82174	127202	142795	160782	194991	214513	235711	265598
Net domestic product at factor cost	125464	125464	222824	350536	369650	425427	501850	571361	591750	668097
Population ('000)	21126	21126	23345	25312	25709	26170	26658	27157	27648	28180
Per capita income (Rs.)	594	594	954	1395	1438	1626	1883	2104	2140	2371

15.2 Net state domestic product at factor cost by industry of origin (at constant prices)

Industry of origin	[Rs. in lakhs]									
	1	2	3	4	5	6	7	8	9	10
	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	
Agriculture	58263	62863	59862	60265	59887	55538	62684	63608	58787	
Forestry & logging	1102	1302	1028	555	838	445	383	391	383	
Fishing	2569	2919	2235	1933	2245	2574	2334	2373	2075	
Mining & quarrying	96	76	150	162	165	149	160	197	186	
Sub-total - primary	62030	67160	63275	62915	63135	58706	65561	66769	61431	
Manufacturing	15632	18355	21932	22632	23339	26779	21715	23493	24286	
Registered	7031	8184	11721	12184	12472	15845	11664	12602	14316	
Unregistered	8601	10171	10211	10448	10867	10934	10051	10891	9970	
Construction	3668	4507	6967	6560	5837	6513	5472	6014	6248	
Electricity, gas & watersupply	1191	1850	3427	3937	3604	3310	4106	4823	5667	
Sub-total - secondary	20481	24712	32326	33129	32780	36602	31293	34330	36291	
Transport, Storage communications	6063	7629	10420	1141	12090	12469	13691	14505	15350	
Railways	639	714	893	933	988	997	1050	1263	1364	
Transport by other means & storage	4580	5747	7715	8210	9008	9333	10189	10698	11340	
Communications	844	1168	1812	1998	2094	2339	2452	2544	2646	
Trade, hotels & restaurants	16260	17596	18432	18579	18573	17803	19121	19695	20680	
Banking and insurance	1629	2609	3973	4132	4104	5183	5650	6434	7141	
Real estate ownership of dwelling etc.	2395	2724	3117	3259	3376	3492	3598	3706	3817	
Finance and real estate	4024	5333	7090	7391	7480	8675	9248	10140	10958	
Public administration	3712	5316	9857	10682	10779	11261	13825	15761	17967	
Other services	12894	14577	15733	16077	16333	16658	16932	17271	17616	
Community & personal services	16606	19893	25590	26759	27112	27919	30757	33032	35583	
Sub-total - tertiary	42953	50451	61532	63870	65255	66866	72817	77372	82571	
Net domestic product at factor cost	125464	142323	157133	159914	161170	162174	169671	178471	180203	
Population ('000)	21126	23345	25312	25709	26170	26658	27157	27648	28180	
Per capita income (Rs.)	594	610	621	622	616	608	625	646	639	

15.3 Growth in net state domestic product and per capita income of Kerala

Year	At current prices				At constant prices			
	Net domestic product		Per capita income		Net domestic product		Per capita income	
	Rs. (in lakhs)	Index	Rs.	Index	Rs. (in lakhs)	Index	Rs.	Index
1	2	3	4	5	6	7	8	9
1970-71	125464	100.0	594	100.0	125464	100.0	594	100.0
1975-76	222824	177.6	954	160.6	142323	113.4	610	102.7
1980-81	350536	279.4	1385	233.2	157133	125.2	621	104.5
1981-82	369650	294.6	1438	242.1	159914	127.5	622	104.7
1982-83	425427	339.1	1626	273.7	161170	128.5	616	103.7
1983-84	501850	400.0	1883	317.0	162174	129.3	608	102.4
1984-85	571361	455.4	2104	354.2	169671	135.2	625	105.2
1985-86	591750	471.6	2140	360.3	178471	142.2	646	108.8
1986-87	668097	532.5	2371	399.2	180203	143.6	639	107.6

15.4 Net domestic product in districts

[Rs. in lakhs]

District	At current prices							
	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	
	1	2	3	4	5	6	7	8
Trivandrum	12874	35229	36889	40999	51499	59290	60687	
Quilon	15693	39202	39551	46769	44819	49763	52551	
Pathanamthitta	-	-	-	-	21030	24314	26738	
Alleppey	12572	31622	34670	38785	36225	42012	42797	
Kottayam	9928	25360	28372	33265	38183	41491	43408	
Idukki	4992	15880	17106	19182	27220	28313	30912	
Ernakulam	13832	47556	53729	60309	62973	75005	79382	
Trichur	11477	32262	34034	39470	46484	50783	53523	
Palghat	9605	25420	28237	31784	34733	38362	39927	
Malappuram	8329	22024	22302	25795	28790	33388	34450	
Kozhikode	13116	35226	28687	36247	45811	50113	46420	
Wayanad	-	-	11726	10851	14198	18942	20383	
Cannanore	13046	40755	34347	41971	49885	59585	39471	
Kasaragod	-	-	-	-	-	-	21101	
State	125464	350536	369650	425427	501850	571361	591750	
District	At constant prices							
	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	
	1	2	3	4	5	6	7	8
Trivandrum	12874	16569	16811	16213	17397	18926	18866	
Quilon	15693	17440	16949	17129	14445	14847	14909	
Pathanamthitta	-	-	-	-	6938	7329	7809	
Alleppey	12572	14749	15512	15321	12338	12967	14008	
Kottayam	9928	11906	12335	12618	12134	12711	13265	
Idukki	4992	6433	6459	6571	7440	7134	7514	
Ernakulam	13832	21135	22198	22300	21100	21642	23233	
Trichur	11477	14688	14987	15022	15302	15246	17103	
Palghat	9605	12588	12965	12924	12326	12800	15120	
Malappuram	8329	9913	9736	9777	9236	9805	10514	
Kozhikode	13116	15347	12572	13769	13706	14113	13622	
Wayanad	-	-	4829	3617	4667	5558	5756	
Cannanore	13046	16365	14561	15609	15145	16593	11098	
Kasaragod	-	-	-	-	-	-	5654	
State	125464	157133	159914	161170	162174	169671	178471	

15.5 Structure of net state domestic product of Kerala - percentage

Sector	1970-71	1975-76		1980-81		1981-82		1982-83		1983-84		1984-85		1985-86		1986-87	
		A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Agriculture	46.44	41.07	44.17	36.94	38.10	35.20	37.69	35.65	37.16	38.81	34.25	39.02	36.94	33.96	35.75	34.58	32.62
Forestry & logging	0.88	1.42	0.92	2.01	0.65	1.06	0.35	2.28	0.52	1.05	0.27	1.04	0.23	1.20	0.22	0.94	0.21
Fishing	2.05	2.97	2.05	2.28	1.42	1.81	1.20	1.98	1.39	1.88	1.59	1.64	1.38	2.08	1.33	1.89	1.15
Mining & quarrying	0.07	0.09	0.05	0.15	0.10	0.19	0.10	0.20	0.10	0.16	0.09	0.16	0.09	0.18	0.11	0.14	0.11
Sub-total - primary	49.44	45.55	47.19	41.38	40.27	38.26	39.34	40.11	39.17	41.90	36.20	41.86	38.64	37.42	37.41	37.55	34.09
Manufacturing	12.46	13.30	12.90	15.55	13.96	16.45	14.15	15.81	14.48	14.81	16.51	14.44	12.80	15.45	13.16	15.17	13.47
Registered	5.60	6.48	5.75	8.89	7.46	9.66	7.62	9.36	7.74	8.96	9.77	8.90	6.88	9.67	7.06	9.66	7.94
Unregistered	6.86	6.82	7.15	6.66	6.50	6.79	6.53	6.45	6.74	5.85	6.74	5.54	5.92	5.78	6.10	5.51	5.53
Construction	2.92	3.23	3.16	4.55	4.43	4.88	4.11	4.76	3.62	5.19	4.02	4.44	3.22	5.35	3.37	5.48	3.47
Electricity, gas & watersupply	0.94	1.04	1.30	2.23	2.18	1.78	2.46	1.53	2.24	1.24	2.04	1.72	2.42	1.95	2.71	2.04	3.15
Sub-total - secondary	16.32	17.57	17.36	22.33	20.57	23.11	20.72	22.10	20.34	21.24	22.57	20.60	18.44	22.75	19.24	22.69	20.09
Transport, Storage communications	4.83	6.17	5.36	6.56	6.63	7.02	6.97	6.54	7.50	6.46	7.68	6.58	8.07	7.46	8.13	7.70	8.52
Railways	0.51	0.42	0.50	0.34	0.57	0.46	0.58	0.51	0.61	0.51	0.61	0.46	0.62	0.62	0.71	0.67	0.76
Transport by other means & storage	3.65	5.08	4.04	5.38	4.91	5.75	5.14	5.16	5.59	5.09	5.63	5.20	6.01	5.82	5.99	5.98	6.29
Communications	0.67	0.67	0.82	0.84	1.15	0.81	1.25	0.87	1.30	0.86	1.44	0.92	1.44	1.02	1.43	1.05	1.47
Trade, hotels & restaurants	12.96	12.57	12.36	12.25	11.73	11.80	11.62	11.63	11.52	11.52	10.98	11.37	11.27	10.73	11.03	10.27	11.47
Transport, communication & trade	17.79	18.74	17.72	18.81	18.36	18.82	18.59	18.17	19.03	17.98	18.66	17.95	19.34	18.19	19.16	17.97	19.99
Banking and insurance	1.30	2.30	1.83	3.18	2.53	4.16	2.58	4.55	2.55	4.47	3.20	4.83	3.33	5.56	3.60	5.81	3.96
Real estate ownership of dwelling etc.	1.91	1.33	1.92	1.50	1.98	1.45	2.04	1.31	2.10	1.22	2.15	1.11	2.12	1.12	2.08	1.05	2.12
Finance and real estate	3.21	3.63	3.75	4.68	4.51	5.61	4.62	5.86	4.65	5.69	5.35	5.94	5.45	6.68	5.68	6.86	6.08
Public administration	2.96	3.27	3.74	4.36	6.28	4.60	6.68	4.23	6.69	3.95	6.94	4.46	8.15	4.90	8.83	4.86	9.97
Other services	10.28	11.24	10.24	8.44	10.01	9.60	10.05	9.53	10.13	9.24	10.27	9.19	9.98	10.06	9.68	10.07	9.78
Community & personal services	13.24	14.51	13.98	12.80	16.29	14.20	16.73	13.76	16.82	13.19	17.22	13.65	18.13	14.96	18.51	14.93	19.75
Sub-total - tertiary	34.24	36.88	35.45	36.29	39.16	38.63	39.94	37.79	40.49	36.86	41.23	37.54	42.92	39.83	43.35	39.76	45.82
Net domestic product at factor cost	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

A-current prices

B-constant prices

15.6 Growth in net domestic product in district

[Index]

District	At current prices							At constant prices						
	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivandrum	100.00	273.64	286.54	318.46	400.02	460.54	471.39	100.00	128.70	130.58	125.94	135.13	147.01	146.54
Quilon	100.00	249.81	252.03	298.02	285.60	317.10	334.87	100.00	111.13	108.00	109.15	92.05	94.61	95.00
Pathanamthitta	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alleppey	100.00	251.53	275.77	308.50	288.14	334.17	340.41	100.00	117.32	123.39	121.87	98.14	103.14	111.42
Kottayam	100.00	255.44	285.78	335.06	384.60	417.92	437.23	100.00	119.92	124.25	127.10	122.22	128.03	133.61
Idukki	100.00	318.11	342.67	384.25	545.27	567.17	619.23	100.00	128.87	129.39	131.63	149.04	142.91	150.52
Ernakulam	100.00	343.81	388.14	436.01	455.27	542.26	573.90	100.00	152.80	160.48	161.22	152.54	156.46	167.97
Trichur	100.00	281.10	296.54	343.91	405.02	442.48	466.35	100.00	127.98	130.58	130.89	133.33	132.84	149.02
Paighat	100.00	264.65	293.98	330.91	361.61	399.40	415.69	100.00	131.06	134.98	134.55	128.33	133.26	157.42
Melappuram	100.00	264.43	267.76	309.70	345.66	400.86	413.62	100.00	119.02	116.89	117.39	110.89	117.72	126.23
Kozhikode	100.00	268.57	218.72	276.36	349.28	382.08	353.92	100.00	117.01	95.85	104.98	104.50	107.60	103.86
Wayanad	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cannanore	100.00	312.39	263.28	321.72	382.38	456.73	302.55	100.00	125.44	111.61	119.65	116.09	127.19	85.07
Kasaragod	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State	100.00	279.39	294.63	339.08	400.00	455.40	471.65	100.00	125.24	127.46	128.46	129.26	135.23	142.25

15.7 Per capita income in district

[Rs.]

District	At current prices							At constant prices						
	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivandrum	592	1369	1411	1539	1894	2140	2152	592	644	643	609	640	603	669
Quilon	658	1395	1389	1616	1950	2126	2205	658	621	595	592	629	634	626
Palhanamthitta	-	-	-	-	1813	2057	2223	-	-	-	-	590	620	649
Alleppey	598	1348	1464	1619	1854	2111	2111	598	629	655	640	631	652	691
Kottayam	652	1498	1659	1926	2148	2291	2354	652	703	721	731	682	702	719
Idukki	658	1647	1737	1899	2682	2738	2936	658	667	656	651	733	690	714
Ernakulam	646	1884	2099	2316	2372	2773	2882	646	837	867	856	795	800	844
Trichur	545	1329	1385	1583	1820	1952	2020	545	605	610	602	599	586	646
Palghat	576	1252	1366	1507	1622	1759	1799	576	620	627	613	576	587	681
Malappuram	453	927	915	1031	1144	1302	1320	453	417	400	391	367	382	403
Kozhikode	629	1350	1267	1570	1949	2092	1903	629	588	555	597	583	589	559
Wayanad	-	-	2075	1884	2443	3200	3380	-	-	855	680	803	939	955
Cannanore	557	1378	1214	1454	1700	1993	1881	557	553	515	541	516	555	529
Kasaragod	-	-	-	-	-	-	2226	-	-	-	-	-	-	596
State	594	1385	1430	1626	1883	2104	2140	594	621	622	616	608	625	646

15.8 Growth of per capita income in district

[Index]

District	At current prices							At constant prices						
	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1970-71	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivancurum	100.00	231.25	238.34	259.97	319.93	361.49	363.51	100.00	108.78	108.61	102.87	108.11	115.37	113.01
Quilon	100.00	212.01	210.94	245.59	296.35	323.10	335.11	100.00	94.38	90.43	89.97	95.59	96.35	95.14
Pathanamthitta	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alleppey	100.00	225.42	244.82	270.74	310.03	353.01	353.01	100.00	105.18	109.53	107.02	105.52	109.03	115.55
Kottayam	100.00	229.75	254.45	295.40	329.45	351.38	361.04	100.00	107.82	110.58	112.12	104.60	107.67	110.28
Idukki	100.00	250.30	263.98	288.60	407.60	416.11	446.20	100.00	101.37	99.70	98.94	111.40	104.86	108.51
Ernakulam	100.00	291.64	324.92	358.51	367.18	429.26	446.13	100.00	129.57	134.21	132.51	123.07	123.84	130.65
Trichur	100.00	243.85	254.13	290.46	333.90	358.17	370.64	100.00	111.01	111.93	110.46	109.91	107.52	118.53
Palghat	100.00	217.36	237.15	261.63	281.60	305.38	312.33	100.00	107.64	108.85	106.42	100.00	101.91	118.23
Maiappuram	100.00	204.64	201.99	227.59	252.54	287.42	291.39	100.00	92.05	88.30	86.31	81.02	84.33	88.96
Kozhikode	100.00	214.63	201.43	249.60	309.86	332.59	302.54	100.00	93.48	88.24	94.91	92.69	93.64	88.87
Wayanad	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cannanore	100.00	247.40	217.95	261.04	305.21	357.81	337.70	100.00	99.28	92.46	97.13	92.64	99.64	94.97
State	100.00	233.16	242.09	273.74	317.00	354.21	360.27	100.00	104.55	104.71	103.70	102.36	105.22	108.75

**15.2 Net state domestic product of kerala at factor cost
by industry of origin at current prices**

[Rs.in lakhs]

Industry of origin	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7
TRIVANDRUM						
Agriculture	11134	11034	11892	17275	19819	15977
Forestry & logging	135	56	300	123	14	9
Fishing	806	587	800	1028	725	949
Mining & quarrying	47	66	43	142	159	191
Sub-total - primary sector	12122	11743	13035	18568	20717	17126
Manufacturing	4409	4858	5351	6483	7153	7882
Registered	1683	1929	2149	3059	3458	3891
Unregistered	2726	2929	3202	3424	3695	3991
Construction	1497	1694	1902	2447	2381	2970
Electricity, gas & watersupply	1498	1266	1262	1234	1934	2286
Sub-total - secondary sector	7404	7818	8515	10164	11468	13138
Transport, Storage communications	2384	2326	2588	3190	4103	4812
Railways	114	165	208	248	254	357
Transport by other means & storage	1912	1796	1930	2415	3210	3724
Communications	358	365	450	527	639	731
Trade, hotels & restaurants	4127	4191	4753	5557	6245	6102
Banking and insurance	1321	1822	2292	2931	3612	4304
Real estate ownership of dwelling etc.	618	609	676	735	765	796
Public administration	3684	4088	4339	4745	6140	7339
Other services	3569	4292	4801	5609	6240	7070
Sub-total - tertiary sector	15703	17328	19449	22767	27105	30423
Net domestic product	35229	36889	40999	51499	59290	60687
Population ('000)	2574	2615	2664	2719	2770	2820
Per capita Income (Rs.)	1369	1411	1539	1894	2140	2152
QUILON						
Agriculture	13080	14313	16261	15912	17768	15977
Forestry & logging	1540	604	2956	400	587	1081
Fishing	3195	2023	2299	3113	2373	3108
Mining & quarrying	163	193	238	153	173	206
Sub-total - primary sector	18778	17133	21754	19578	20901	20372
Manufacturing	5604	6253	6913	7779	8671	9639
Registered	3235	3708	4131	5399	6103	6866
Unregistered	2369	2545	2782	2380	2568	2773
Construction	1312	1485	1667	1715	1669	2081
Electricity, gas & watersupply	1074	900	889	675	1071	1259
Sub-total - secondary sector	7590	8638	9469	10169	11411	12979
Transport, Storage communications	1862	1926	2123	2523	3036	3558
Railways	75	110	138	165	168	237
Transport by other means & storage	1537	1561	1676	2027	2467	2862
Communications	250	255	314	331	401	459
Trade, hotels & restaurants	4192	4257	4828	4378	4919	4807
Banking and insurance	1038	1431	1800	1947	2399	2859
Real estate ownership of dwelling etc.	543	544	513	509	530	552
Public administration	1521	1694	1800	1685	2166	2438
Other services	3278	3928	4477	4030	4401	4986
Sub-total - tertiary sector	12434	13780	15546	15072	17451	19200
Net domestic product	39202	39551	46769	44819	49763	52551
Population ('000)	2810	2849	2894	2298	2341	2383
Per capita Income (Rs.)	1395	1388	1616	1950	2126	2205

(contd.)

(table 15.9 contd.)

1	2	3	4	5	6	7
	PATHANAMTHITTA					
Agriculture	-	-	-	7089	9029	9626
Forestry & logging	-	-	-	772	882	1192
Fishing	-	-	-	-	-	-
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	-	-	-	7861	9911	10818
Manufacturing	-	-	-	3472	3835	4232
Registered	-	-	-	1755	1983	2231
Unregistered	-	-	-	1717	1852	2001
Construction	-	-	-	881	857	1069
Electricity, gas & watersupply	-	-	-	283	449	528
Sub-total - secondary sector	-	-	-	4636	5141	5829
Transport, Storage communications	-	-	-	1566	1264	1463
Railways	-	-	-	-	-	-
Transport by other means & storage	-	-	-	1397	1060	1229
Communications	-	-	-	169	204	234
Trade, hotels & restaurants	-	-	-	2701	3035	2966
Banking and insurance	-	-	-	1324	1632	1945
Real estate ownership of dwelling etc.	-	-	-	166	173	180
Public administration	-	-	-	889	1132	1242
Other services	-	-	-	1887	2026	2295
Sub-total - tertiary sector	-	-	-	8533	9262	10091
Net domestic product	-	-	-	21030	24314	26738
Population ('000)	-	-	-	1160	1182	1203
Per capita Income (Rs.)	-	-	-	1813	2057	2223
	ALLEPPEY					
Agriculture	9427	10266	11710	12348	14268	11897
Forestry & logging	1	1	8	-	-	-
Fishing	729	730	680	921	1916	2510
Mining & quarrying	218	297	181	184	208	247
Sub-total - primary sector	10375	11294	12579	13453	16392	14654
Manufacturing	6206	6794	7471	6172	6749	7376
Registered	1761	2018	2249	1710	1933	2174
Unregistered	4445	4776	5222	4462	4816	5202
Construction	1376	1557	1748	1798	1750	2183
Electricity, gas & watersupply	725	609	601	457	725	852
Sub-total - secondary sector	8307	8960	9820	8427	9224	10411
Transport, Storage communications	1957	2230	2444	2289	2602	3044
Railways	56	81	102	121	124	174
Transport by other means & storage	1640	1884	2014	1917	2173	2521
Communications	261	265	328	251	305	349
Trade, hotels & restaurants	4746	4820	5466	4956	5569	5442
Banking and insurance	1109	1529	1924	1425	1756	2093
Real estate ownership of dwelling etc.	523	481	543	516	537	559
Public administration	1403	1662	1770	1373	1743	1848
Other services	3122	3694	4239	3786	4189	4746
Sub-total - tertiary sector	12940	14416	16386	14345	16396	17732
Net domestic product	31622	34670	38785	36225	42012	42797
Population ('000)	2346	2368	2395	1954	1990	2027
Per capita Income (Rs.)	1348	1464	1619	1854	2111	2111

(contd.)

(table 15.9 contd.)

1	2	3	4	5	6	7
	KOTTAYAM					
Agriculture	10684	12062	14850	18249	18570	17786
Forestry & logging	10	5	57	15	35	46
Fishing	70	79	79	83	85	112
Mining & quarrying	45	65	160	158	178	212
Sub-total - primary sector	10809	12211	15146	18505	18868	18156
Manufacturing	3057	3409	3767	3647	4036	4459
Registered	1730	1983	2209	1990	2238	2517
Unregistered	1327	1426	1558	1667	1798	1942
Construction	1122	1270	1426	1834	1785	2227
Electricity, gas & watersupply	945	790	778	729	1164	1365
Sub-total - secondary sector	5124	5469	5971	6210	6985	8051
Transport, Storage communications	1714	2045	2205	2099	2524	2964
Railways	74	108	137	163	166	234
Transport by other means & storage	1431	1724	1806	1629	1986	2304
Communications	209	213	262	307	372	426
Trade, hotels & restaurants	2994	3040	3447	4031	4529	4426
Banking and insurance	857	1182	1487	1680	2071	2468
Real estate ownership of dwelling etc.	418	369	398	416	433	451
Public administration	982	1091	1159	1275	1631	1850
Other services	2462	2965	3452	3967	4450	5042
Sub-total - tertiary sector	9427	10692	12148	13468	15638	17201
Net domestic product	25360	28372	33265	38183	41491	43408
Population ('000)	1693	1710	1727	1778	1811	1844
Per capita Income (Rs.)	1498	1659	1926	2148	2291	2354
	IDUKKI					
Agriculture	9748	10409	11816	15483	15962	-
Forestry & logging	428	914	962	797	838	-
Fishing	6	6	6	7	7	-
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	10182	11329	12784	16287	16807	-
Manufacturing	983	1111	1233	4289	4833	-
Registered	757	868	967	4004	4526	-
Unregistered	226	243	266	285	307	-
Construction	1202	1361	1527	1965	1912	-
Electricity, gas & watersupply	297	249	246	232	368	-
Sub-total - secondary sector	2482	2721	3006	6496	7113	-
Transport, Storage communications	1040	654	712	1372	836	-
Railways	-	-	-	-	-	-
Transport by other means & storage	909	521	548	1180	603	-
Communications	131	133	164	192	233	-
Trade, hotels & restaurants	722	733	831	971	1092	-
Banking and insurance	222	306	385	432	533	-
Real estate ownership of dwelling etc.	179	138	124	131	136	-
Public administration	319	354	375	412	529	-
Other services	734	871	965	1129	1267	-
Sub-total - tertiary sector	3216	3056	3392	4447	4393	-
Net domestic product	15980	17106	19182	27220	28313	-
Population ('000)	964	985	1010	1015	1034	-
Per capita Income (Rs.)	1647	1737	1899	2682	2738	-

(contd.)

(table 15.9 contd.)

1	2	3	4	5	6	7
	ERNAKULAM					
Agriculture	11495	12140	14470	17080	22003	19052
Forestry & logging	43	59	68	59	38	60
Fishing	1259	1261	1402	1631	2126	2785
Mining & quarrying	2	2	2	2	2	2
Sub-total - primary sector	12799	13462	15942	18772	24169	21899
Manufacturing	15452	17456	19367	16868	18836	20973
Registered	11873	13610	15163	12373	13986	15734
Unregistered	3579	3846	4204	4495	4850	5239
Construction	2789	3156	3542	4558	4435	5532
Electricity, gas & watersupply	946	797	792	767	1207	1424
Sub-total - secondary sector	19187	21409	23701	22193	24478	27929
Transport, Storage communications	4659	5781	5586	5617	7333	8563
Railways	118	173	217	259	264	373
Transport by other means & storage	4220	5281	4966	4887	6497	7536
Communications	321	327	403	471	572	654
Trade, hotels & restaurants	2632	2674	3032	3545	3983	3892
Banking and insurance	2494	3438	4326	4302	5302	6317
Real estate ownership of dwelling etc.	853	1204	1236	1292	1346	1401
Public administration	1651	1838	1951	2158	2759	2997
Other services	3281	3923	4535	5094	5635	6384
Sub-total - tertiary sector	15570	18858	20666	22008	26358	29554
Net domestic product	47556	53729	60309	62973	75005	79382
Population ('000)	2524	2560	2604	2655	2705	2754
Per capita Income (Rs.)	1884	2099	2316	2372	2773	2882
	TRICHUR					
Agriculture	11033	10721	12605	16321	16118	14470
Forestry & logging	485	551	1262	673	849	1380
Fishing	355	410	457	500	356	467
Mining & quarrying	-	-	2	2	2	2
Sub-total - primary sector	11873	11682	14326	17496	17325	16319
Manufacturing	5217	5803	6410	7277	8067	8926
Registered	2755	3158	3518	4184	4730	5321
Unregistered	2462	2645	2892	3093	3337	3605
Construction	1441	1631	1831	2356	2292	2860
Electricity, gas & watersupply	658	549	539	503	805	943
Sub-total - secondary sector	7316	7983	8780	10136	11164	12729
Transport, Storage communications	1972	2065	2294	2757	3800	4445
Railways	88	128	162	192	197	277
Transport by other means & storage	1475	1520	1618	1963	2874	3334
Communications	409	417	514	602	729	834
Trade, hotels & restaurants	4702	4776	5417	6332	7115	6953
Banking and insurance	1198	1652	2079	2333	2875	3425
Real estate ownership of dwelling etc.	586	535	633	731	761	792
Public administration	1473	1638	1739	1910	2456	2870
Other services	3142	3703	4202	4789	5287	5990
Sub-total - tertiary sector	13073	14369	16364	18052	22294	24475
Net domestic product	32262	34034	39470	46484	50783	53523
Population ('000)	2427	2458	2494	2554	2602	2649
Per capita Income (Rs.)	1329	1385	1583	1820	1952	2020

(contd.)

(table 15.9 contd.)

1	2	3	4	5	6	7
	PALGHAT					
Agriculture	10235	11801	12893	14996	16564	15435
Forestry & logging	279	137	421	112	75	316
Fishing	13	15	16	18	19	24
Mining & quarrying	-	-	183	118	133	159
Sub-total - primary sector	10527	11953	13513	15244	16791	15934
Manufacturing	3864	4320	4778	3722	4108	4528
Registered	2334	2676	2981	1800	2034	2288
Unregistered	1530	1644	1797	1922	2074	2240
Construction	1234	1397	1567	2017	1963	2448
Electricity, gas & watersupply	516	432	426	404	641	753
Sub-total - secondary sector	5614	6149	6771	6143	6712	7729
Transport, Storage communications	1653	1691	1888	2199	2076	2503
Railways	184	269	339	403	412	580
Transport by other means & storage	1180	1127	1186	1371	1149	1333
Communications	289	295	363	425	515	590
Trade, hotels & restaurants	3397	3450	3913	4574	5140	5023
Banking and insurance	677	934	1175	1396	1720	2050
Real estate ownership of dwelling etc.	367	289	322	373	388	404
Public administration	1042	1158	1223	1347	1723	1965
Other services	2143	2613	2979	3457	3812	4319
Sub-total - tertiary sector	9279	10135	11500	13346	14859	16264
Net domestic product	25420	28237	31784	34733	38362	39927
Population ('000)	2030	2067	2109	2141	2181	2220
Per capita Income (Rs.)	1252	1366	1507	1622	1759	1799
	MAI APPURAM					
Agriculture	9739	9238	11058	12231	13911	13626
Forestry & logging	1141	671	859	677	1698	1130
Fishing	202	186	159	255	480	629
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	11082	10095	12076	13163	16089	15385
Manufacturing	829	914	1007	1129	1243	1368
Registered	324	372	414	495	559	629
Unregistered	505	542	593	634	684	739
Construction	1005	1137	1276	1642	1598	1993
Electricity, gas & watersupply	178	148	147	139	220	260
Sub-total - secondary sector	2012	2199	2430	2910	3061	3621
Transport, Storage communications	1816	2161	2381	2270	2350	2792
Railways	127	185	223	277	283	399
Transport by other means & storage	1544	1828	1965	1779	1808	2097
Communications	145	148	183	214	259	296
Trade, hotels & restaurants	3715	3773	4279	5002	5621	5493
Banking and insurance	449	618	778	1046	1289	1536
Real estate ownership of dwelling etc.	231	235	254	290	301	313
Public administration	685	764	809	906	1145	1308
Other services	2034	2457	2788	3203	3532	4002
Sub-total - tertiary sector	8930	10008	11289	12717	14238	15444
Net domestic product	22024	22302	25795	28790	33388	34450
Population ('000)	2377	2437	2502	2517	2564	2610
Per capita Income (Rs.)	927	915	1031	1144	1302	1320

(contd.)

(table 15.9 contd.)

1	2	3	4	5	6	7
	<u>KOZHIKODE</u>					
Agriculture	13403	8496	13060	19534	21045	14148
Forestry & logging	1177	68	244	586	297	329
Fishing	528	570	1233	786	776	1016
Mining & quarrying	9	20	4	3	4	5
Sub-total - primary sector	15117	9154	14541	20909	22122	15498
Manufacturing	4745	4771	5281	5863	6527	7249
Registered	2724	3104	3459	3915	4425	4978
Unregistered	2021	1667	1822	1948	2102	2271
Construction	1454	1261	1416	1822	1773	2211
Electricity, gas & watersupply	620	401	397	380	600	707
Sub-total - secondary sector	6819	6433	7094	8065	8900	10167
Transport, Storage communications	2042	2337	2575	2915	3170	3768
Railways	176	258	324	386	395	556
Transport by other means & storage	1571	1829	1942	2168	2337	2711
Communications	295	250	309	361	438	501
Trade, hotels & restaurants	5746	4768	5407	6320	7102	6940
Banking and insurance	880	1103	1388	1495	1842	2195
Real estate ownership of dwelling etc.	541	474	368	401	417	434
Public administration	1274	1151	1151	1302	1681	1890
Other services	2807	3267	3723	4404	4879	5528
Sub-total - tertiary sector	13290	13100	14612	16837	19091	20755
Net domestic product	35226	28687	36247	45811	50113	46420
Population ('000)	2610	2265	2308	2351	2395	2439
Per capita Income (Rs.)	1350	1267	1570	1949	2092	1903
	<u>WAYANAD</u>					
Agriculture	-	6558	3838	5122	9408	9767
Forestry & logging	-	602	1795	640	431	521
Fishing	-	-	-	-	-	-
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	-	7160	5633	5762	9839	10288
Manufacturing	-	1085	1187	3161	3510	3889
Registered	-	36	40	1935	3187	2460
Unregistered	-	1049	1147	1226	1323	1429
Construction	-	783	879	1131	1101	1373
Electricity, gas & watersupply	-	189	186	175	280	327
Sub-total - secondary sector	-	2057	2252	4467	4891	5589
Transport, Storage communications	-	451	493	987	643	745
Railways	-	-	-	-	-	-
Transport by other means & storage	-	405	435	919	561	651
Communications	-	46	58	68	82	94
Trade, hotels & restaurants	-	1178	1335	1561	1754	1714
Banking and insurance	-	111	139	294	362	431
Real estate ownership of dwelling etc.	-	78	171	206	372	387
Public administration	-	222	297	339	434	496
Other services	-	469	531	582	647	733
Sub-total tertiary sector	-	2509	2966	3969	4212	4506
Net domestic product	-	11726	10851	14198	18942	20383
Population ('000)	-	565	576	581	592	603
Per capita Income (Rs.)	-	2075	1884	2443	3200	3380

(contd.)

(table 15.9 contd.)

	1	2	3	4	5	6	7
	CANNANORE						
Agriculture	18703	13076	17231	23118	28468	16178	
Forestry & logging	1795	259	772	391	175	250	
Fishing	834	810	1276	1100	516	526	
Mining & quarrying	47	58	44	45	51	62	
Sub-total - primary sector	21379	14203	19323	24654	29210	17016	
Manufacturing	4158	4048	4473	4474	4949	3231	
Registered	1988	2261	2519	2385	2695	1774	
Unregistered	2170	1787	1954	2089	2254	1457	
Construction	1511	1313	1472	1894	1844	1376	
Electricity, gas & watersupply	367	239	239	233	366	259	
Sub-total - secondary sector	6036	5600	6184	6601	7159	4866	
Transport, Storage communications	1875	2295	2534	2646	3830	3253	
Railways	161	234	295	351	359	506	
Transport by other means & storage	1434	1772	1883	1879	2966	2515	
Communications	280	289	356	416	505	232	
Trade, hotels & restaurants	5975	5959	6757	7899	8876	5975	
Banking and insurance	913	1258	1583	1801	2220	1737	
Real estate ownership of dwelling etc.	402	414	351	357	215	161	
Public administration	1151	1317	1406	1497	1916	1490	
Other services	3024	3301	3833	4430	6159	4973	
Sub-total - tertiary sector	13340	14544	16464	18630	23216	17589	
Net domestic product	40755	34347	41971	49885	59585	39471	
Population ('000)	2957	2830	2887	2935	2990	2098	
Per capita Income (Rs.)	1378	1214	1454	1700	1993	1881	
	KASARAGOD						
Agriculture	-	-	-	-	-	968	
Forestry & logging	-	-	-	-	-	29	
Fishing	-	-	-	-	-	150	
Mining & quarrying	-	-	-	-	-	-	
Sub-total - primary sector	-	-	-	-	-	1047	
Manufacturing	-	-	-	-	-	2237	
Registered	-	-	-	-	-	1259	
Unregistered	-	-	-	-	-	978	
Construction	-	-	-	-	-	924	
Electricity, gas & watersupply	-	-	-	-	-	173	
Sub-total - secondary sector	-	-	-	-	-	3334	
Transport, Storage communications	-	-	-	-	-	1271	
Railways	-	-	-	-	-	-	
Transport by other means & storage	-	-	-	-	-	925	
Communications	-	-	-	-	-	346	
Trade, hotels & restaurants	-	-	-	-	-	2699	
Banking and insurance	-	-	-	-	-	908	
Real estate ownership of dwelling etc.	-	-	-	-	-	63	
Public administration	-	-	-	-	-	673	
Other services	-	-	-	-	-	2006	
Sub-total - tertiary sector	-	-	-	-	-	7420	
Net domestic product	-	-	-	-	-	21101	
Population ('000)	-	-	-	-	-	948	
Per capita Income (Rs.)	-	-	-	-	-	2226	

**15.10 Net state domestic product of kerala at factor cost
by industry of origin at constant prices**

[Rs.in lakhs]

Industry of origin	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7
TRIVANDRUM						
Agriculture	5213	5050	4560	4648	5579	4390
Forestry & logging	20	8	26	10	1	1
Fishing	224	174	217	286	183	186
Mining & quarrying	13	15	8	26	28	34
Sub-total - primary sector	5470	5247	4611	4970	5791	4611
Manufacturing	1825	1877	1941	2353	1966	2128
Registered	633	658	673	1077	793	857
Unregistered	1192	1219	1268	1276	1173	1271
Construction	654	616	548	612	514	565
Electricity, gas & watersupply	657	753	692	643	795	937
Sub-total - secondary sector	3136	3246	3181	3608	3275	3630
Transport, Storage communications	1081	1158	1256	1354	1567	1656
Railways	86	90	95	96	102	122
Transport by other means & storage	775	825	906	974	1167	1225
Communications	220	243	255	284	298	309
Trade, hotels & restaurants	1771	1785	1786	1711	1838	1892
Banking and insurance	470	489	486	678	738	842
Real estate ownership of dwelling etc.	367	369	361	419	432	445
Public administration	2378	2572	2596	2694	3335	3802
Other services	1896	1945	1936	1763	1948	1988
Sub-total - tertiary sector	7963	8318	8421	8819	9860	10625
Net domestic product	16569	16811	16213	17397	18926	18866
Population ('000)	2574	2615	2664	2719	2770	2820
Per capita Income (Rs.)	644	643	609	640	683	669
QUILON						
Agriculture	6916	6533	6318	4465	5228	4581
Forestry & logging	225	85	255	34	38	60
Fishing	890	597	621	861	597	607
Mining & quarrying	46	45	46	28	30	37
Sub-total - primary sector	8077	7260	7240	5388	5893	5285
Manufacturing	2252	2334	2398	2791	2215	2395
Registered	1217	1265	1295	1904	1400	1512
Unregistered	1035	1059	1103	887	815	883
Construction	573	540	480	429	360	396
Electricity, gas & watersupply	470	541	494	362	449	527
Sub-total - secondary sector	3295	3405	3372	3582	3024	3318
Transport, Storage communications	854	910	998	980	1107	1170
Railways	57	60	63	64	67	81
Transport by other means & storage	643	680	757	737	853	895
Communications	154	170	178	179	187	194
Trade, hotels & restaurants	1799	1814	1812	1348	1448	1491
Banking and insurance	369	384	381	451	491	559
Real estate ownership of dwelling etc.	321	330	334	290	299	308
Public administration	983	1066	1077	956	1176	1341
Other services	1742	1780	1915	1450	1409	1437
Sub-total - tertiary sector	6068	6284	6517	5475	5930	6306
Net domestic product	17440	16949	17129	16445	14867	14909
Population ('000)	2810	2849	2894	2298	2341	2383
Per capita Income (Rs.)	621	595	592	629	634	626

(contd.)

(table 15.10 contd.)

1	2	3	4	5	6	7
	PATHANAMTHITTA					
Agriculture	-	-	-	2244	2771	2910
Forestry & logging	-	-	-	66	57	66
Fishing	-	-	-	-	-	-
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	-	-	-	2310	2828	2976
Manufacturing	-	-	-	1258	1043	1128
Registered	-	-	-	618	455	491
Unregistered	-	-	-	640	588	637
Construction	-	-	-	220	185	203
Electricity, gas & watersupply	-	-	-	152	189	221
Sub-total - secondary sector	-	-	-	1630	1417	1552
Transport, Storage communications	-	-	-	563	474	497
Railways	-	-	-	-	-	-
Transport by other means & storage	-	-	-	472	379	398
Communications	-	-	-	91	95	99
Trade, hotels & restaurants	-	-	-	831	893	919
Banking and insurance	-	-	-	306	334	380
Real estate ownership of dwelling etc.	-	-	-	95	97	100
Public administration	-	-	-	504	615	701
Other services	-	-	-	699	671	684
Sub-total tertiary sector	-	-	-	2998	3084	3281
Net domestic product	-	-	-	6938	7329	7809
Population ('000)	-	-	-	1160	1182	1203
Per capita Income (Rs.)	-	-	-	598	620	649
	ALLEPPEY					
Agriculture	4707	5111	4988	3921	4288	4735
Forestry & logging	-	-	1	-	-	-
Fishing	205	207	176	245	476	484
Mining & quarrying	62	69	34	34	36	45
Sub-total - primary sector	4974	5387	5199	4200	4800	5264
Manufacturing	2605	2676	2773	2265	1972	2136
Registered	662	688	705	602	443	479
Unregistered	1943	1988	2068	1663	1529	1657
Construction	601	566	504	449	377	415
Electricity, gas & watersupply	317	365	334	244	304	356
Sub-total - secondary sector	3523	3607	3611	2958	2653	2907
Transport, Storage communications	894	1042	1114	935	978	1034
Railways	42	44	46	47	49	60
Transport by other means & storage	692	821	883	752	787	826
Communications	160	177	185	136	142	148
Trade, hotels & restaurants	2037	2052	2053	1526	1639	1688
Banking and insurance	395	411	408	330	359	409
Real estate ownership of dwelling etc.	310	293	279	294	303	312
Public administration	957	1046	1058	779	947	1080
Other services	1659	1674	1599	1316	1288	1314
Sub-total - tertiary sector	6252	6518	6511	5180	5514	5837
Net domestic product	14749	15512	15321	12338	12967	14008
Population ('000)	2346	2368	2395	1954	1990	2027
Per capita Income (Rs.)	629	655	640	631	652	691

(contd.)

(table 15.10 contd.)

1	2	3	4	5	6	7
	KOTTAYAM					
Agriculture	5179	5315	5504	5132	5516	5539
Forestry & logging	1	1	5	1	2	2
Fishing	20	20	19	19	19	19
Mining & quarrying	12	15	30	29	31	38
Sub-total - primary sector	5212	5351	5558	5181	5568	5598
Manufacturing	1230	1270	1309	1318	1084	1173
Registered	650	676	692	697	513	554
Unregistered	580	594	617	621	571	619
Construction	491	462	411	459	385	425
Electricity, gas & watersupply	414	476	435	395	492	577
Sub-total - secondary sector	2135	2208	2155	2172	1961	2173
Transport, Storage, communications	779	910	975	823	925	979
Railways	57	59	63	63	66	80
Transport by other means & storage	594	709	764	594	685	719
Communications	128	142	148	166	174	180
Trade, hotels & restaurants	1284	1295	1294	1241	1333	1373
Banking and insurance	305	317	315	389	424	483
Real estate ownership of dwelling etc.	248	224	236	237	245	252
Public administration	634	687	693	724	886	1010
Other services	1309	1343	1392	1367	1369	1397
Sub-total - tertiary sector	4559	4776	4905	4781	5182	5494
Net domestic product	11906	12335	12618	12134	12711	13265
Population ('000)	1693	1710	1727	1778	1811	1844
Per capita income (Rs.)	703	721	731	682	702	719
	IDUKKI					
Agriculture	3764	3911	4102	3604	3830	3975
Forestry & logging	63	129	83	68	54	41
Fishing	2	1	1	2	2	2
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	3829	4041	4186	3674	3886	4018
Manufacturing	384	397	408	1516	1136	1228
Registered	285	296	303	1410	1038	1122
Unregistered	99	101	105	106	98	106
Construction	525	495	440	491	413	453
Electricity, gas & watersupply	130	150	137	125	155	182
Sub-total - secondary sector	1039	1042	985	2132	1704	1863
Transport, Storage, communications	473	281	306	489	309	322
Railways	-	-	-	-	-	-
Transport by other means & storage	393	193	213	385	200	209
Communications	80	88	93	104	109	113
Trade, hotels & restaurants	310	312	313	299	321	331
Banking and insurance	79	82	82	100	109	124
Real estate ownership of dwelling etc.	106	84	86	75	77	79
Public administration	206	223	224	234	288	328
Other services	391	394	389	437	440	449
Sub-total - tertiary sector	1565	1376	1400	1634	1544	1633
Net domestic product	6433	6459	6571	7440	7134	7514
Population ('000)	964	985	1010	1015	1034	1053
Per capita income (Rs.)	667	656	651	733	690	714

(contd.)

(15.10 contd.)

1	2	3	4	5	6	7
	ERNAKULAM					
Agriculture	5962	6250	6049	5404	6331	6764
Forestry & logging	6	8	6	5	3	3
Fishing	355	350	363	429	520	528
Mining & quarrying	1	1	1	1	1	1
Sub-total - primary sector	6324	6609	6419	5839	6855	7296
Manufacturing	6030	6243	6417	6032	4748	5175
Registered	4466	4643	4752	4357	3208	3466
Unregistered	1564	1601	1665	1675	1540	1669
Construction	1219	1147	1021	1139	957	1052
Electricity, gas & watersupply	415	476	436	404	500	588
Sub-total - secondary sector	7664	7866	7874	7575	6205	6775
Transport, Storage communications	1814	1995	2187	1859	2301	2428
Railways	90	94	100	101	106	127
Transport by other means & storage	1527	1684	1859	1504	1928	2024
Communications	197	217	228	254	267	277
Trade, hotels & restaurants	1130	1139	1139	1091	1172	1207
Banking and insurance	888	924	917	995	1085	1235
Real estate ownership of dwelling etc.	505	730	770	737	760	783
Public administration	1066	1157	1167	1225	1499	1709
Other services	1744	1778	1827	1779	1765	1800
Sub-total - tertiary sector	7147	7723	8007	7686	8582	9162
Net domestic product	21135	22198	22300	21100	21642	23233
Population ('000)	2524	2560	2604	2655	2705	2754
Per capita Income (Rs.)	837	867	856	795	800	844
	TRICHUR					
Agriculture	5124	5225	5108	4771	4545	5634
Forestry & logging	71	78	109	57	55	76
Fishing	100	118	121	135	87	89
Mining & quarrying	-	-	1	1	1	1
Sub-total - primary sector	5295	5421	5339	4964	4688	5800
Manufacturing	2112	2178	2248	2625	2144	2320
Registered	1036	1077	1103	1473	1085	1172
Unregistered	1076	1101	1145	1152	1059	1148
Construction	630	593	528	589	495	544
Electricity, gas & watersupply	288	331	302	274	341	400
Sub-total - secondary sector	3030	3102	3078	3400	2980	3264
Transport, Storage communications	949	955	1028	1137	1437	1517
Railways	67	70	74	75	79	95
Transport by other means & storage	629	608	663	737	1018	1069
Communications	253	277	291	325	340	353
Trade, hotels & restaurants	2018	2034	2034	1949	2093	2157
Banking and insurance	427	444	441	539	588	670
Real estate ownership of dwelling etc.	347	324	368	417	430	443
Public administration	951	1031	1040	1084	1334	1521
Other services	1671	1676	1694	1724	1696	1731
Sub-total - tertiary sector	6363	6464	6605	6850	7578	8039
Net domestic product	14688	14907	15022	15302	15246	17103
Population ('000)	2427	2458	2494	2554	2602	2649
Per capita Income (Rs.)	605	610	602	599	586	646

(contd.)

(table 15.10 contd.)

1	2	3	4	5	6	7
	PALGHAT					
Agriculture	5679	5996	5851	5415	5905	7708
Forestry & logging	41	19	36	10	5	17
Fishing	4	4	4	4	4	4
Mining & quarrying	-	-	35	20	22	28
Sub-total - primary sector	5724	6019	5926	5449	5936	7757
Manufacturing	1547	1597	1646	1350	1125	1217
Registered	878	913	934	634	467	504
Unregistered	669	684	712	716	658	713
Construction	539	508	452	504	424	465
Electricity, gas & watersupply	226	259	238	217	269	316
Sub-total - secondary sector	2312	2364	2336	2071	1818	1998
Transport, Storage communications	824	773	827	866	808	871
Railways	141	147	156	157	165	198
Transport by other means & storage	505	430	466	480	402	423
Communications	178	196	205	229	241	250
Trade, hotels & restaurants	1458	1470	1470	1408	1512	1558
Banking and insurance	241	251	249	323	352	401
Real estate ownership of dwelling etc.	217	175	184	213	219	226
Public administration	673	729	732	765	936	1067
Other services	1139	1184	1200	1231	1219	1242
Sub-total tertiary sector	4552	4582	4662	4806	5046	5365
Net domestic product	12588	12965	12924	12326	12800	15120
Population ('000)	2030	2067	2109	2141	2181	2220
Per capita Income (Rs.)	620	627	613	576	587	681
	MALAPPURAM					
Agriculture	4560	4327	4336	3632	3961	4371
Forestry & logging	167	95	74	57	110	62
Fishing	56	55	43	71	121	124
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	4783	4477	4453	3760	4192	4557
Manufacturing	343	353	365	410	345	374
Registered	122	127	130	174	128	139
Unregistered	221	226	235	236	217	235
Construction	439	413	368	410	345	379
Electricity, gas & watersupply	78	89	82	75	93	109
Sub-total - secondary sector	860	855	815	895	783	862
Transport, Storage communications	854	894	986	886	905	966
Railways	97	101	107	108	114	137
Transport by other means & storage	668	694	776	663	670	704
Communications	89	99	103	115	121	125
Trade, hotels & restaurants	1595	1607	1605	1540	1654	1704
Banking and insurance	160	166	165	242	264	301
Real estate ownership of dwelling etc.	137	143	145	165	170	175
Public administration	443	480	484	515	622	709
Other services	1081	1114	1124	1233	1215	1240
Sub-total - tertiary sector	4270	4404	4509	4581	4830	5095
Net domestic product	9913	9736	9777	9236	9805	10514
Population ('000)	2377	2437	2502	2517	2564	2610
Per capita Income (Rs.)	417	400	391	367	382	403

(contd.)

(table 15.10 contd.)

1	2	3	4	5	6	7
	KOZHIKODE					
Agriculture	5806	4092	5066	4660	5215	4141
Forestry & logging	172	10	21	50	19	18
Fishing	147	168	334	217	195	198
Mining & quarrying	3	4	2	2	2	2
Sub-total - primary sector	6128	4274	5423	4929	5431	4359
Manufacturing	1907	1753	1806	2104	1682	1819
Registered	1024	1059	1084	1378	1015	1096
Unregistered	883	694	722	726	667	723
Construction	635	458	408	455	382	420
Electricity, gas & watersupply	271	240	220	202	251	294
Sub-total - secondary sector	2813	2451	2434	2761	2315	2533
Transport, Storage communications	989	1027	1115	1172	1195	1277
Railways	134	140	149	150	158	190
Transport by other means & storage	674	721	792	827	833	875
Communications	181	166	174	195	204	212
Trade, hotels & restaurants	2466	2031	2030	1946	2090	2153
Banking and insurance	314	296	294	346	377	429
Real estate ownership of dwelling etc.	321	288	283	229	235	242
Public administration	823	724	689	739	912	1040
Other services	1493	1481	1501	1584	1558	1589
Sub-total - tertiary sector	6406	5847	5912	6016	6367	6730
Net domestic product	15347	12572	13769	13706	14113	13622
Population ('000)	2610	2265	2308	2351	2395	2439
Per capita Income (Rs.)	588	555	597	583	589	559
	WAYANAD					
Agriculture	-	2790	1767	1677	2739	2731
Forestry & logging	-	85	155	54	28	29
Fishing	-	-	-	-	-	-
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	-	2875	1922	1731	2767	2760
Manufacturing	-	449	466	1138	921	997
Registered	-	12	12	681	501	542
Unregistered	-	437	454	457	420	455
Construction	-	285	253	283	237	261
Electricity, gas & watersupply	-	114	104	95	118	139
Sub-total - secondary sector	-	848	823	1516	1276	1397
Transport, Storage communications	-	183	198	332	252	265
Railways	-	-	-	-	-	-
Transport by other means & storage	-	152	165	296	214	225
Communications	-	31	33	36	38	40
Trade, hotels & restaurants	-	502	501	481	516	532
Banking and insurance	-	30	30	68	74	84
Real estate ownership of dwelling etc.	-	48	51	118	210	217
Public administration	-	130	178	193	235	268
Other services	-	213	214	228	228	233
Sub-total - tertiary sector	-	1106	1172	1420	1515	1599
Net domestic product	-	4829	3917	4667	5558	5756
Population ('000)	-	565	576	581	592	603
Per capita Income (Rs.)	-	855	680	803	939	955

(contd.)

(table 15.10 contd.)

1	2	3	4	5	6	7
	CANNANORE					
Agriculture	6952	5665	6438	5965	6776	4026
Forestry & logging	262	37	67	33	11	14
Fishing	232	239	346	305	130	103
Mining & quarrying	13	13	8	8	9	11
Sub-total - primary sector	7459	5954	6859	6311	6926	4154
Manufacturing	1697	1515	1562	1619	1334	855
Registered	748	771	789	840	618	391
Unregistered	949	744	773	779	716	464
Construction	661	477	424	473	398	262
Electricity, gas & watersupply	161	143	130	122	150	106
Sub-total - secondary sector	2519	2135	2116	2214	1882	1223
Transport, Storage communications	909	1013	1190	1073	1433	1079
Railways	122	128	135	136	144	173
Transport by other means & storage	615	693	764	712	1053	808
Communications	172	192	201	225	236	98
Trade, hotels & restaurants	2564	2538	2536	2432	2612	1853
Banking and insurance	325	338	336	416	454	340
Real estate ownership of dwelling etc.	238	251	279	203	121	89
Public administration	743	837	841	849	1040	816
Other services	1608	1495	1542	1647	2125	1544
Sub-total - tertiary sector	6387	6472	6634	6620	7785	5721
Net domestic product	16365	14561	15609	15145	16593	11098
Population ('000)	2957	2830	2887	2935	2990	2098
Per capita Income (Rs.)	553	515	541	516	555	529
	KASARAGOD					
Agriculture	-	-	-	-	-	2303
Forestry & logging	-	-	-	-	-	2
Fishing	-	-	-	-	-	29
Mining & quarrying	-	-	-	-	-	-
Sub-total - primary sector	-	-	-	-	-	2334
Manufacturing	-	-	-	-	-	588
Registered	-	-	-	-	-	277
Unregistered	-	-	-	-	-	311
Construction	-	-	-	-	-	176
Electricity, gas & watersupply	-	-	-	-	-	71
Sub-total - secondary sector	-	-	-	-	-	835
Transport, Storage communications	-	-	-	-	-	444
Railways	-	-	-	-	-	-
Transport by other means & storage	-	-	-	-	-	298
Communications	-	-	-	-	-	146
Trade, hotels & restaurants	-	-	-	-	-	837
Banking and insurance	-	-	-	-	-	177
Real estate ownership of dwelling etc.	-	-	-	-	-	35
Public administration	-	-	-	-	-	369
Other services	-	-	-	-	-	623
Sub-total - tertiary sector	-	-	-	-	-	2485
Net domestic product	-	-	-	-	-	5654
Population ('000)	-	-	-	-	-	948
Per capita Income (Rs.)	-	-	-	-	-	596

**15.11 Factor income by industry of origin in Kerala 1980-81
at current prices**

[Rs. in lakhs]						
Industry, of origin	Compen- sation of employees	Rent	Interest	Profit	Mixed income of self employed	Total
1	2	3	4	5	6	7
1. Agriculture	47412	-	1676	4598	75795	129481
2. Forestry & logging	586	-	-	6448	-	7034
3. Fishing	2521	-	313	885	4278	7997
4. Mining & quarrying	347	15	104	31	34	531
Sub-total	50866	15	2093	11962	80107	145043
5. Manufacturing	20558	888	6652	11032	15394	54524
5.1 Registered	15115	374	4643	11032	-	31164
5.2 Un-registered	5443	514	2009	-	15394	23360
6. Construction	9172	259	3472	2173	867	15943
7. Electricity, gas and water supply	4082	1	3636	105	-	7824
Subtotal	33812	1148	13760	13310	16261	78291
8. Transport, storage & communications	15597	1235	2228	-324	4238	22974
8.1 Railways	741	266	21	145	-	1173
8.2 Transport by other means and storage	12994	301	2155	-835	4238	18853
8.3 Communication	1862	668	52	366	-	2948
9. Trade, hotels & restaurants Transport, communication & trade	5442 21039	2203 3438	2452 4680	-3142 -3466	35993 40231	42948 65922
10. Banking and insurance	7047	2527	197	1387	-	11158
11. Real estate, ownership of dwelling	124	4743	2	1	391	5261
12. Public administration	15265	-	-	-	-	15265
13. Other services	20871	4112	21	-	4592	29596
Sub-total	64346	14820	4900	-2078	45214	127202
Grand total	149024	15983	20753	23194	141582	350536

15.12 Net domestic product at factor cost by industry of origin of various States - at current prices

[Rs. in lakhs]

State/union territory	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8	9
1. Andhra pradesh	252277	421796	720931	899786	946300	1106090	1144762	1275690
2. Assam	77140	131440	239780	264040	334200	403060	407060	463800
3. Bihar	224544	406220	653024	731212	851559	948604	1070094	1192885
4. Gujarat	218924	369325	662418	807560	853348	996510	1064501	1036921
5. Haryana	86888	161640	300815	337491	389282	421698	465408	537933
6. Himachal pradesh	22324	40598	64798	80101	86501	100187	101667	118668
7. Jammu & kashmir	24959	47995	85402	94514	107119	125767	135788	145876
8. Karnataka	185811	309240	534315	622854	653922	774728	879059	875289
9. Kerala	125464	222824	350536	369650	425427	501850	571361	591750
10. Madhyapradesh	199130	363870	612280	678560	772960	945120	955480	1146790
11. Maharashtra	387554	767664	1390583	1568842	1713863	1985954	2172631	2373059
12. Manipur	4114	10190	19731	22625	24271	29924	34348	-
13. Meghalaya	-	-	14463	16605	19430	-	-	-
14. Orissa	103743	173860	287820	348189	363029	451819	431615	-
15. Punjab	143616	259893	444453	526056	595675	662224	743850	817963
16. Rajasthan	165368	259333	412104	497770	585371	739746	751762	792063
17. Tamilnadu	237110	372740	638102	798478	820444	938915	1093160	1229030
18. Tripura	7787	14640	24512	-	-	-	-	-
19. Uttar pradesh	425650	700510	1395501	1457968	1723823	1943892	2130726	2425950
20. West bengal	316810	548736	889309	950352	1066603	1282959	1520515	1680989
21. Delhi	47729	100070	187757	220625	257117	296454	344634	400895
22. Goa, daman, diu	7671	15170	29738	32569	40682	46514	52472	56956
23. Pondicherry	3892	8253	19092	22944	23073	23707	25262	-
24. Arunachal pradesh	2134	3930	8732	10675	12274	13865	15069	-

15.13 Net state domestic product at factor cost by industry of origin of various states - at constant prices

State/union territory	[Rs.in lakhs]								
	1970-71	1975-76	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
	1	2	3	4	5	6	7	8	9
1. Andhra pradesh	252277	298296	343217	390724	393510	420064	404429	433986	
2. Assam	77140	93860	109510	108190	119220	126860	130670	139490	
3. Bihar	224544	253340	305307	315235	307942	338193	359101	374271	
4. Gujarat	218924	243919	308557	342105	325069	348589	355971	324468	
5. Haryana	86888	105910	135550	140191	151711	150398	158472	171392	
6. Himachal pradesh	22324	27282	30114	33779	32478	34551	32846	36777	
7. Jammu & kashmir	24959	29640	37666	38288	39263	42168	43348	45171	
8. Karnataka	185811	216477	252396	270213	269557	287459	310015	285871	
9. Kerala	125464	142323	157133	159914	161170	162174	169671	178471	
10. Madhyapradesh	199130	231470	267800	280340	289270	332600	323720	359520	
11. Maharashtra	387554	485933	606041	633268	655025	685775	689893	711814	
12. Manipur	4114	6260	7219	7587	8047	8590	8954	-	
13. Orissa	103743	113250	138301	149985	137551	154321	144134	-	
14. Punjab	143616	177167	230184	248307	263179	265605	283893	300154	
15. Rajasthan	165368	172525	180833	200337	232509	268167	256564	257063	
16. Tamilnadu	237110	267904	281199	329121	323759	338757	382794	416996	
17. Tripura	7787	9350	12673	-	-	-	-	-	
18. Uttarpradesh	425650	461110	569303	579939	638265	673710	693853	715532	
19. West bengal	316810	369803	431052	413773	407712	469254	488036	512625	
20. Delhi	47729	62560	87429	93926	103584	109802	118684	129258	
21. Goa, daman, diu	7671	11498	15202	14926	16127	17423	18683	20888	
22. Pondicherry	3892	5128	7904	8566	8635	8507	8532	-	
23. Arunachal pradesh	2134	2630	4042	4711	4761	5076	5474	-	

15.14 Per capita income of the different Indian states and union territories - at current prices

[in Rs.]

State/union territory	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86*
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Andhra pradesh	585	883	877	1003	1083	1179	1358	1661	1713	1965	1996	2184
2. Assam	535	783	875	953	987	1003	1221	1302	1596	1862	1821	2017
3. Bihar	402	656	690	732	772	794	943	1033	1177	1284	1418	1548
4. Gujarat	829	1235	1395	1524	1564	1751	1960	2341	2424	2768	2901	2772
5. Haryana	877	1432	1642	1764	1889	1941	2351	2571	2884	3037	3259	3669
6. Himachal pradesh	551	1067	1009	1191	1249	1258	1530	1849	1959	2226	2217	2542
7. Jammu & Kashmir	548	928	909	1113	1222	1266	1449	1563	1727	1976	2079	2173
8. Karnataka	641	951	986	1117	1142	1345	1454	1655	1699	1970	2189	2136
9. Kerala	594	954	1009	1037	1112	1259	1385	1438	1626	1883	2104	2140
10. Madhya pradesh	484	784	780	928	892	880	1183	1284	1431	1712	1693	1988
11. Maharashtra	783	1387	1516	1664	1803	2012	2233	2468	2638	2990	3203	3430
12. Manipur	390	830	833	936	947	1165	1382	1567	1637	1967	2200	-
13. Meghalaya	-	-	-	-	1012	1068	1095	1223	1391	-	-	-
14. Nagaland	489	1022	991	1100	1212	1410	1606	2043	2568	2931	-	-
15. Orissa	478	729	690	845	873	847	1101	1308	1339	1636	1534	-
16. Punjab	1070	1749	2019	2231	2351	2611	2671	3094	3430	3732	4103	4416
17. Rajasthan	651	885	1015	1097	1139	1030	1220	1429	1634	2011	1990	2043
18. Sikkim	-	-	-	-	-	727	835	900	1079	1300	-	-
19. Tamil nadu	581	831	944	1017	1069	1280	1324	1635	1653	1859	2128	2353
20. Tripura	502	813	896	928	1019	1095	1206	-	-	-	-	-
21. Uttar pradesh	486	721	818	930	935	965	1272	1298	1502	1659	1782	1988
22. West bengal	722	1125	1215	1291	1329	1430	1643	1721	1893	2232	2594	2813
23. Arunachal pradesh	456	715	776	1011	1227	1164	1382	1647	1847	2036	2160	-
24. Delhi	1199	2037	2179	2342	2402	2629	3098	3460	3867	4275	4765	5315
25. Goa, daman, diu	915	1615	1791	2000	2119	2527	2910	2964	3626	4062	4493	-
26. Pondicherry	825	1548	1645	1928	2341	2797	3160	3703	3630	3637	3777	-
27. All India	633	1026	1079	1194	1253	1338	1557	1743	1887	2186	2355	2596

15.15 Indices of per capita income of the different states and union territories in India - at current prices
(Indices with all India average per capita income during the year = 100)

State/union territory	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86*
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Andhra pradesh	92.4	86.1	81.3	84.0	86.4	88.1	87.2	95.3	90.8	90.0	84.8	84.1
2. Assam	84.5	76.3	81.1	79.8	78.8	75.0	78.4	74.7	84.6	85.2	77.4	77.7
3. Bihar	63.5	64.0	64.0	61.3	61.6	59.3	60.6	59.3	62.4	58.7	60.2	59.6
4. Gujarat	131.0	120.4	129.3	127.6	124.8	131.0	126.0	134.4	128.5	126.6	123.2	106.8
5. Hariyana	138.6	139.6	152.2	147.8	150.8	145.1	151.0	147.6	152.9	139.0	138.5	141.3
6. Himachal pradesh	102.9	104.0	93.5	99.8	99.7	94.0	98.3	106.1	103.8	102.0	94.2	98.0
7. Jammu & kashmir	86.6	90.5	84.3	93.2	97.5	94.7	93.1	89.7	91.5	90.5	88.4	83.7
8. Karnataka	101.27	92.7	91.4	93.6	91.1	100.5	93.4	95.0	90.0	90.2	93.0	82.3
9. Kerala	93.8	93.0	93.5	86.9	88.7	94.1	89.0	82.5	86.2	86.1	89.3	82.4
10. Madhya pradesh	76.5	76.4	72.3	77.8	71.2	65.8	76.0	73.7	75.8	78.4	72.0	76.6
11. Maharashtra	123.7	135.2	140.5	139.4	143.9	150.4	143.4	141.6	139.8	136.8	136.0	132.1
12. Manipur	61.6	80.9	77.2	78.4	75.6	87.1	88.8	89.9	86.6	90.0	93.5	-
13. Meghalaya	-	-	-	-	80.8	79.8	70.3	70.2	73.7	-	-	-
14. Nagaland	77.3	99.6	91.8	92.1	96.7	105.4	103.2	117.3	136.1	134.1	-	-
15. Orissa	75.5	71.1	64.0	70.8	69.7	63.3	70.8	75.0	71.0	74.8	65.2	-
16. Punjab	169.0	170.5	187.2	187.0	187.6	195.1	171.5	177.6	181.8	170.7	174.2	170.1
17. Rajasthan	102.9	86.3	94.1	91.9	90.9	77.0	78.4	82.0	86.6	92.0	84.6	78.7
18. Sikkim	-	-	-	-	-	54.3	53.7	51.6	57.2	59.5	-	-
19. Tamil nadu	91.8	81.0	87.5	85.2	85.3	95.7	85.0	93.8	87.6	85.0	90.4	90.6
20. Tripura	79.3	79.3	83.0	77.7	81.3	81.8	77.5	-	-	-	-	-
21. Uttar pradesh	76.8	70.3	75.8	77.9	74.6	72.1	81.8	74.5	79.6	75.9	75.7	76.6
22. West bengal	114.1	109.7	112.6	108.1	106.1	107.0	105.6	98.8	100.3	102.2	110.2	108.4
23. Arunachal pradesh	72.0	69.7	71.9	84.7	97.9	87.0	88.8	94.5	97.9	93.2	91.8	-
24. Delhi	189.4	198.6	202.0	196.2	191.7	196.5	199.0	198.6	205.0	195.6	202.3	204.7
25. Goa, daman, diu	144.6	157.5	166.0	167.5	169.1	189.0	187.0	170.1	192.2	186.0	191.0	-
26. Pondicherry	130.3	150.9	152.5	161.5	186.8	209.0	203.0	212.6	192.4	166.4	160.5	-
27. All India	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* quick estimate

15.16 Growth of (real) per capita income of the different Indian states and union territories - at constant prices

[Rs.]

State/union territory	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Andhra pradesh	585	625	557	616	659	631	647	721	712	746	705	743
2. Assam	535	559	538	550	537	509	558	534	569	586	584	604
3. Bihar	402	409	419	431	432	408	441	445	426	458	476	486
4. Gujarat	829	816	846	885	917	899	913	992	924	968	970	862
5. Hariyana	877	938	974	988	1060	961	1060	1068	1124	1083	1110	1217
6. Himachal pradesh	651	717	669	733	739	653	711	780	735	768	716	788
7. Jammu & kashmir	548	573	553	611	648	616	639	633	633	663	664	673
8. Karnataka	641	666	621	716	726	729	687	718	700	731	772	698
9. Kerala	594	610	592	583	590	606	621	622	616	608	625	646
10. Madhya pradesh	484	499	450	508	482	408	518	531	536	602	574	623
11. Maharashtra	783	878	906	959	1002	994	970	996	1008	1033	1017	1029
12. Manipur	390	510	501	539	508	500	506	525	543	565	574	-
13. Orissa	478	475	435	503	527	428	529	564	507	559	512	-
14. Punjab	1070	1192	1244	1320	1388	1365	1383	1461	1515	1497	1566	1621
15. Rajasthan	651	589	611	619	631	525	535	575	649	729	679	663
16. Sikkim	-	-	-	-	-	826	888	900	1008	1093	-	-
17. Tamil nadu	581	597	606	654	669	668	584	674	652	671	745	779
18. Tripura	502	518	563	580	592	590	623	-	617	619	-	-
19. Uttar pradesh	486	474	477	506	514	432	519	516	556	575	580	587
20. West bengal	722	758	766	810	779	732	797	749	724	816	833	858
21. Arunachal pradesh	456	479	521	599	661	619	640	726	716	745	785	-
22. Delhi	1199	1274	1316	1352	1382	1384	1443	1473	1556	1583	1641	1714
23. Goa, daman, diu	915	1224	1238	1293	1240	1296	1487	1358	1437	1522	1600	1754
24. Pondicherry	825	962	1012	1084	1226	1288	1308	1382	1359	1305	1276	-
25. All India	633	664	652	695	717	665	698	720	722	764	775	798

* quick estimate

Indices of per capita income of the different states & union territories in India - at constant prices

Territory	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86*
	2	3	4	5	6	7	8	9	10	11	12	13
Andhra Pradesh	92.4	94.1	85.4	88.6	91.9	94.9	92.7	100.1	98.3	97.6	91.0	93.1
Assam	84.5	84.2	82.5	79.1	74.9	76.5	79.9	74.2	78.8	76.7	75.4	75.7
3. Bihar	63.5	61.6	64.3	62.0	60.3	61.4	63.2	61.8	59.0	60.0	61.4	60.9
4. Gujarat	131.0	122.9	129.8	127.4	127.9	135.2	130.8	137.8	128.0	126.7	125.2	108.0
5. Haryana	138.6	141.3	149.4	142.2	147.8	144.5	151.9	148.3	155.7	141.8	143.2	152.5
6. Himachal Pradesh	102.8	108.0	102.6	105.5	103.1	98.2	101.9	108.3	101.8	100.5	92.4	98.8
7. Jammu & Kashmir	86.6	86.3	84.8	87.9	90.4	92.6	91.5	87.9	87.7	86.8	85.7	84.3
8. Karnataka	101.3	100.3	95.3	103.0	101.3	109.6	98.4	99.7	97.0	95.7	99.6	87.5
9. Kerala	93.8	91.9	90.8	83.9	82.3	91.1	89.0	86.4	85.3	79.6	80.7	81.0
10. Madhya Pradesh	75.5	75.2	69.0	73.1	67.2	61.4	74.2	73.8	74.2	78.8	74.1	78.0
11. Maharashtra	123.7	132.2	139.0	138.0	139.8	149.5	139.0	138.3	139.6	135.2	131.2	128.9
12. Manipur	61.6	76.8	76.9	77.6	70.9	75.2	72.5	72.9	75.2	74.0	74.1	-
13. Orissa	75.5	71.5	66.7	72.4	73.5	64.4	75.8	78.3	70.2	73.2	66.1	-
14. Punjab	169.0	179.5	190.8	190.0	193.6	205.3	198.1	202.9	209.8	195.9	202.1	203.1
15. Rajasthan	102.8	88.7	93.7	89.1	88.0	78.9	76.6	79.9	89.9	95.4	87.6	83.1
16. Sikkim	-	-	-	-	-	124.2	127.2	125.0	139.6	143.1	-	-
17. Tamil Nadu	91.8	89.9	93.0	94.1	93.3	100.5	83.7	93.6	90.3	87.8	96.1	97.6
18. Tripura	79.3	78.0	86.4	83.5	82.6	88.7	89.3	-	85.5	81.0	-	-
19. Uttar Pradesh	76.8	71.4	73.2	72.8	71.7	65.0	74.4	71.7	77.0	75.3	74.8	73.6
20. West Bengal	114.1	114.2	117.5	116.6	108.6	110.1	114.2	104.0	100.3	106.8	107.5	107.5
21. Arunachal Pradesh	72.0	72.1	80.0	86.2	92.2	93.1	91.7	100.8	99.2	97.5	101.3	-
22. Delhi	189.4	191.9	201.8	194.6	192.8	208.1	206.7	204.6	215.5	207.2	211.7	214.8
23. Goa, Daman, Diu	130.4	144.9	190.0	186.0	172.9	194.9	213.0	188.6	199.0	199.2	206.5	219.8
24. Pondicherry	130.4	144.9	155.2	156.0	171.0	193.7	187.4	191.9	188.2	170.8	164.6	-
25. All India	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* quick estimate

15.18 Differential of growth in the (real) per capita income of the different states and union territories in India

State/union territory	Per capita net state domestic product (= per capita income at 1970-71 prices (Rs.))		Percentage variation (increase/decrease in (real) per capita income at 1970-71 prices) of 1985-86 over 1970-71		Index of (real) per capita income of the State/union territory (at 1970-71 prices) with all India or National average per capita income (at 1970-71 prices) = 100)	
	1970-71	1985-86	Total for 15 years	Annual growth average 1985-86	1970-71	1985-86
	1	2	3	4	5	6
1. Goa, daman & diu	915	1754	91.7	4.43	144.5	219.8
2. Punjab	1070	1621	51.5	2.81	169.0	203.1
3. Maharashtra	783	1029	31.4	1.84	123.7	128.9
4. Hariyana	877	1217	38.8	2.21	138.5	152.5
5. Ardhra pradesh	585	743	27.0	1.61	92.4	93.1
6. Keraia	594	646	8.8	0.56	93.8	81.0
7. Delhi	1199	1714	43.0	2.41	189.4	214.8
8. Gujarat	829	862	4.0	0.26	131.0	108.0
9. Madhya pradesh	484	623	28.7	1.70	76.5	68.1
10. Jammu & Kashmir	548	673	22.8	1.38	86.6	84.3
11. Karnataka	641	698	8.9	0.57	101.3	87.5
12. Tamilnadu	581	779	34.1	1.97	91.8	97.6
13. West bengal	722	858	18.8	1.16	114.1	107.5
14. Uttar pradesh	486	587	20.8	1.27	76.8	73.6
15. Bihar	402	486	12.9	1.27	63.5	60.9
16. Assam	535	604	12.9	0.81	84.5	75.7
17. Himachal pradesh	651	788	21.0	1.28	102.8	98.7
Negative growth or decline in real per capita income						
18. Rajasthan	651	663	1.8	0.12	102.8	83.1
All India	633	798	26.1	1.56	100.0	100.0

15.19 Net state domestic product at factor cost by industry of origin
(current prices) new series (provisional)

[Rs.in lakhs]

Industry of origin	Year					
	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
	2	3	4	5	6	7
1. Agriculture	129345	131200	153786	199304	214934	191966
2. Forestry & logging	12382	8048	14364	8097	8448	9028
3. Fishing	7743	6292	7923	8938	8942	11792
4. Mining & quarrying	461	640	754	690	1014	992
Sub-total primary	149931	146180	176827	217029	233338	213778
5. Manufacturing -- registered	29141	33461	36610	41755	45368	51648
6. " unregistered	24706	21848	25066	17664	24137	30712
7. Electricity, gas and water supply	5360	3457	2587	1494	4104	2211
8. Construction	21822	25154	28427	35598	38609	45841
Sub-total secondary	81029	83920	62690	96511	112218	130412
9. Trade, hotels and restaurants	53220	54131	62192	70978	78259	80147
10. Railways	419	835	1010	1181	1039	1058
11. Transport by other means & storage	16847	18527	22458	26444	30870	34939
12. Communications	2436	2408	3002	3519	4132	4474
13. Banking & insurance	11428	16206	19803	23012	27228	30679
14. Real estate, ownership of dwelling & business services	6620	6914	7116	7544	8221	8976
15. Public administration	15133	16873	17489	19259	25191	30806
16. Other services	29478	34926	39034	45673	50893	60716
Sub-total tertiary	135581	150820	172104	197610	225833	251795
Total N.S.D.P.	366541	380920	441621	511150	571389	595985
Population ('00)	253120	257089	261698	266577	271571	276475
Per capita income (Rs.)	1448	1482	1688	1917	2104	2156

 XVI. MISCELLANEOUS

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...

16.1 Distribution of households & persons according to monthly per capita expenditure

Monthly per capita	[rural]					
	% of hhds.		% of persons		No. of persons/hhd	
	1977-78	1983	1977-78	1983	1977-78	1983
1	2	3	4	5	6	7
0 - 30	9.74	0.19	11.11	0.21	6.10	5.72
30 - 40	12.23	0.67	13.71	0.88	6.02	7.05
40 - 50	14.36	1.83	15.71	2.48	5.92	7.24
50 - 60	12.10	3.16	12.51	3.94	5.57	6.66
60 - 70	9.95	5.47	9.90	6.62	5.37	6.47
70 - 85	19.30	11.27	18.91	12.65	5.31	6.01
85 - 100		11.60		12.84		5.92
100-125		17.47		17.38		5.31
125 - 150	12.18	13.60	10.96	13.57	4.87	5.33
150 - 200		14.90	3.57	13.51	3.89	4.84
200 - 250	4.95	8.49		7.13		4.50
250 - 300		3.75	3.62	3.30	3.79	4.70
300 & above	5.19	7.60		5.49		3.86
All classes	100.00	100.00	100.00	100.00	5.39	5.35

[urban]						
0 - 30	8.49	0.37	11.50	0.43	7.33	6.01
30 - 40	10.25	0.87	12.59	1.03	6.56	6.14
40 - 50	11.73	1.12	13.72	1.73	6.33	6.01
50 - 60	10.65	2.37	11.98	2.81	6.07	6.15
60 - 70	8.09	3.99	8.25	4.93	5.47	6.41
70 - 85	18.87	7.97	19.70	9.76	5.60	6.35
85 - 100		9.84		11.64		6.15
100 - 125		13.70		15.01		5.67
125 - 150	12.65	12.33	10.59	14.12	4.56	5.93
150 - 200		16.06	5.36	14.89	4.04	4.80
200 - 250	7.14	8.97		8.20		4.73
250 - 300	7.55	5.73	4.20	3.82	3.02	3.45
300 & above	4.58	16.68	2.11	11.63	2.44	3.60
All classes	100.00	100.00	100.00	100.00	5.37	5.18

Source: National sample survey organisation (NSSO)

16.2 Distribution of sample households and persons according to per capita monthly expenditure - rural and urban combined 1977-78

Monthly per capita	No. of households	Percentage of households	No. of persons per household
1	2	3	4
0 - 10	32	0.53	4.79
10 - 15	39	0.64	7.28
15 - 20	77	1.27	7.12
20 - 30	423	7.00	6.33
30 - 35	319	5.27	6.16
35 - 40	390	6.45	6.14
40 - 50	825	13.64	6.02
50 - 60	708	11.72	5.70
60 - 70	571	9.44	5.40
70 - 80	478	7.90	5.58
80 - 100	680	11.24	5.25
100 - 150	740	12.23	4.77
150 - 200	336	5.56	4.92
200 & above	430	7.11	3.48
All classes	6048	100.00	5.41

Source: NSSO

16.3 Distribution of sample households and persons according to per capita monthly expenditure - rural and urban combined 1983

Monthly per capita	No. of households	Percentage of households	No. of persons per household
1	2	3	4
0 - 30	11	0.24	5.82
30 - 40	28	0.62	6.70
40 - 50	76	1.69	7.43
50 - 60	129	2.87	6.52
60 - 70	225	5.00	6.45
70 - 85	463	10.29	6.09
85 - 100	493	10.95	5.97
100 - 125	738	16.40	5.40
125 - 150	595	13.22	5.50
150 - 200	688	15.29	4.83
200 - 250	390	8.67	4.57
250 - 300	197	4.38	4.20
300 & above	467	10.38	3.73
All classes	4500	100.00	5.29

Source: NSSO

16.4 Distribution of households and persons according to
monthly per capita expenditure - 1977-78

(rural)

Monthly per capita	No.of households	Percentage	
		Distribution of household	No.of persons per household
1	2	3	4
0-10	25	0.58	3.14
10-15	24	0.55	6.62
15-20	50	1.15	7.22
20-30	326	7.46	6.12
30-35	238	5.47	6.01
35-40	293	6.76	6.02
40-50	621	14.36	5.92
50-60	523	12.10	5.57
60-70	430	9.95	5.37
70-80	345	7.99	5.47
80-100	486	11.31	5.19
100-150	523	12.18	4.87
150-200	213	4.95	3.89
200 & above	223	5.19	3.79
All classes	4320	100.00	5.39

(urban)

	1	2	3	4
0-10		7	0.40	10.67
10-15		15	0.81	8.33
15-20		27	1.62	7.00
20-30		97	5.66	7.02
30-35		81	4.72	6.63
35-40		97	5.53	6.51
40-50		204	11.73	6.33
50-60		185	10.65	6.07
60-70		141	8.09	5.47
70-80		133	7.68	5.88
80-100		194	11.19	5.41
100-150		217	12.65	4.56
150-200		123	7.14	4.04
200 & above 300		129	7.55	3.02
300 & above		78	4.58	2.44
All classes		1728	100.00	5.37

16.5 Consumption pattern of persons of different expenditure class - 1983

(rural/urban combined)

(value Rs.'000)

Items	Monthly expenditure classes (in rupees)													
	0-30	30-40	40-50	50-60	60-70	70-85	85-100	100-125	125-150	150-200	200-250	250-300	300&above	All classes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total cereals	11.08	13.51	17.09	21.82	23.13	26.68	29.64	33.15	37.12	40.25	45.04	48.12	54.60	34.86
Gram	-	0.09	0.09	0.10	0.15	0.09	0.18	0.19	0.28	0.29	0.51	0.50	0.89	0.28
Cereal & substitutes	0.31	0.72	0.92	0.93	1.31	1.54	1.74	2.14	2.24	2.61	1.99	1.73	1.48	1.87
Pulses	0.17	0.25	0.47	0.66	0.83	0.97	1.36	1.89	2.30	3.01	4.55	5.03	8.29	2.55
Milk & milk product	0.20	0.55	0.69	1.19	1.33	1.75	2.66	4.28	6.03	8.56	13.33	16.69	26.17	6.92
Edible oil	0.51	0.95	1.35	1.78	2.00	2.49	2.88	3.40	4.33	4.93	6.34	7.41	11.29	4.29
Meat, egg, fish	0.92	2.27	3.04	3.77	4.12	4.81	6.31	7.54	9.25	11.72	14.24	19.69	27.75	9.79
Vegetables	0.70	0.74	1.24	1.39	1.73	2.17	2.56	3.48	3.88	5.24	7.21	7.67	13.24	4.40
Fruits & nuts	1.05	1.45	2.10	2.76	3.50	4.35	4.98	6.77	8.37	10.58	13.22	16.59	24.45	8.53
Sugar	1.12	1.22	1.32	1.53	1.67	1.95	2.20	2.51	3.07	3.52	4.41	4.63	7.20	3.08
Salt	0.09	0.09	0.10	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.15	0.16	0.21	0.13
Spices	0.93	1.32	1.51	2.00	2.15	2.39	2.81	3.27	3.76	4.17	4.95	5.15	6.76	3.57
Beverages & refreshments	1.21	3.13	4.03	4.51	5.44	6.75	8.64	10.03	12.33	16.50	20.03	30.31	42.63	13.80
Food total	18.29	26.28	34.12	42.55	47.48	56.05	66.18	78.37	93.10	111.50	135.97	163.72	224.96	94.17
Pan, tobacco, intoxicants	1.45	1.39	1.48	2.08	2.45	2.91	3.31	3.91	4.61	5.39	5.33	7.51	8.42	4.42
Fuel & light	3.94	4.17	4.47	4.80	5.72	6.33	7.16	7.91	8.97	10.27	11.94	13.02	18.59	9.00
Clothing	-	0.23	0.29	0.33	0.96	1.57	1.98	3.57	6.48	9.90	18.07	23.52	71.92	10.84
Foot-wear	-	-	0.02	0.11	0.15	0.21	0.35	0.59	0.92	1.32	1.82	2.52	6.38	1.18
Misc.goods & services	1.99	3.71	5.17	5.90	8.22	10.43	13.12	16.28	22.25	30.75	41.88	56.40	113.44	27.20
Durable goods	-	-	0.18	0.02	0.25	0.16	0.28	0.58	1.18	2.88	5.61	7.69	87.13	7.96
Non-food total	7.38	9.49	11.62	13.24	17.75	21.60	26.19	32.85	44.41	60.50	85.64	110.65	305.92	60.60
Total expenditure	25.68	35.77	45.74	55.79	65.23	77.65	92.37	111.72	137.51	172.01	221.61	274.37	530.88	154.77
Consumer rent	-	-	0.11	-	0.05	0.07	0.20	0.17	0.31	0.82	1.88	3.77	9.08	1.15
Consumer tax, cess	-	-	-	-	-	0.01	0.01	0.03	0.02	0.07	0.09	0.18	0.73	0.09
No.of sample households	11	28	76	129	225	463	493	738	595	688	390	197	467	4500

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(Contd.)

(Table 16.5 Contd.)

(rural)

(value Rs. '000)

	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total cereals	10.78	13.17	17.72	22.18	23.29	27.27	29.88	33.38	37.54	41.69	46.72	49.40	61.58	35.09
Gram	-	0.14	0.08	0.77	0.75	0.77	0.18	0.77	0.25	0.28	0.47	0.46	0.84	0.25
Cereal substitutes	0.51	0.73	1.28	1.05	1.64		2.15	2.60	2.69	3.26	2.63	2.62	2.29	2.36
Pulses	0.12	0.30	0.50	0.77	0.82	0.95	1.46	1.83	2.05	3.07	4.37	4.99	7.85	2.34
Milk & milk product	0.37	0.50	0.76	1.04	1.42	1.70	2.63	4.11	5.81	8.33	12.42	15.58	22.40	5.97
Edible oil	0.56	0.89	1.24	1.82	1.93	2.48	2.77	3.32	4.17	4.83	6.23	7.66	10.35	7.95
Meat, egg, fish	1.04	2.41	2.75	3.62	4.06	4.70	6.04	7.29	8.92	11.51	13.99	18.67	26.33	8.97
Vegetables	0.47	0.64	1.26	1.43	1.74	2.24	2.76	3.50	3.90	5.32	7.07	7.62	12.19	4.13
Fruits & nuts	0.60	1.81	2.17	2.50	3.43	4.23	4.85	6.72	8.13	10.73	13.41	16.63	24.48	8.72
Sugar	0.69	1.41	1.24	1.52	1.63	1.91	2.17	2.55	3.04	3.46	4.37	5.15	7.27	2.94
Salt	0.10	0.09	0.09	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.35	0.36	0.22	0.13
Spices	0.81	1.38	1.52	2.00	2.12	2.40	2.84	3.32	3.74	4.27	4.92	5.28	6.79	3.49
Beverages & refreshments	1.54	3.72	3.64	4.28	5.27	6.43	8.86	9.67	11.84	15.31	19.39	24.28	28.73	11.71
Food total	17.59	27.19	34.28	42.42	47.66	56.39	66.79	78.65	92.33	112.13	135.65	158.57	211.52	89.54
Pan, tobacco, intoxicants	1.98	1.25	1.65	2.12	2.62	3.11	3.25	3.99	5.00	5.67	6.70	8.80	8.52	4.50
Fuel & light	4.44	4.17	4.23	4.72	5.68	6.30	7.04	7.82	8.80	9.92	11.43	12.38	16.89	8.45
Clothing	-	-	0.31	0.37	0.84	1.58	1.98	3.70	6.90	9.64	18.63	29.09	65.06	9.27
Foot-wear	-	-	0.03	0.08	0.11	0.16	0.33	0.56	0.86	1.37	1.75	2.22	5.12	0.95
Misc. goods & services	1.55	3.26	5.20	6.26	8.03	10.13	12.64	16.49	22.25	30.22	40.63	52.40	98.40	23.84
Durable goods	-	-	0.09	-	0.31	0.14	0.33	0.56	1.27	3.02	5.82	9.66	130.19	8.64
Non-food total	7.96	8.68	11.52	13.55	17.60	21.41	25.58	33.12	45.09	59.85	84.96	114.35	324.18	55.66
Total expenditure	25.56	35.87	45.79	55.98	65.27	77.80	92.38	111.77	137.42	171.98	220.62	272.93	535.59	145.20
Consumer rent	-	-	-	-	0.05	0.05	0.03	0.09	0.08	0.27	0.36	0.58	1.36	0.20
Consumer tax, cess	-	-	-	-	-	-	0.01	-	0.01	0.02	0.06	0.18	0.52	0.05

(Contd.)

(Table 16.5 Contd.)

	(urban)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total cereals	11.44	14.11	15.20	20.85	22.67	25.10	28.95	32.49	36.11	37.46	42.71	46.13	47.70	34.35	
Gram	-	-	0.12	0.06	0.14	0.13	0.18	0.24	0.35	0.31	0.59	0.55	0.94	0.35	
Cereal substitutes	0.06	0.69	0.78	0.60	0.39	0.44	0.59	0.80	1.13	1.25	0.61	0.35	0.69	0.78	
Pulses	0.22	0.17	0.36	0.53	0.84	1.02	1.06	2.06	2.68	2.89	4.94	5.09	8.72	3.02	
Milk & milk product	-	0.64	0.49	1.61	1.09	1.89	2.74	4.76	6.57	9.03	15.29	16.41	29.81	9.02	
Edible oil	0.46	1.13	1.67	1.66	2.21	2.51	3.21	3.63	4.87	5.3	6.59	7.05	12.21	5.04	
Meat, egg, fish	0.77	2.02	3.81	4.17	4.28	5.15	7.08	8.26	10.06	12.14	14.77	21.27	29.16	11.62	
Vegetables	0.97	0.91	1.15	1.29	1.72	1.97	2.37	3.41	3.82	5.06	7.51	7.75	14.27	4.99	
Fruits & nuts	1.60	0.79	1.89	3.44	3.69	4.72	5.34	6.92	8.97	10.27	12.81	16.52	24.42	9.76	
Sugar	1.64	0.89	1.57	1.54	1.79	2.05	2.27	2.78	3.16	3.64	4.49	3.95	7.13	3.39	
Salt	0.08	0.09	0.11	0.11	0.12	0.11	0.13	0.12	0.12	0.15	0.16	0.17	0.20	0.14	
Spices	1.08	1.22	1.46	2.02	2.22	2.38	2.71	3.13	3.81	4.09	5.00	4.94	6.74	3.76	
Beverages & refreshments	0.82	2.06	5.18	5.14	5.93	7.70	8.01	11.09	13.53	18.95	21.41	39.70	56.35	18.44	
Food total	19.19	24.80	33.84	43.05	47.15	55.22	64.70	79.77	95.26	110.48	136.96	171.95	238.41	104.73	
Pan, tobacco, intoxicants	0.81	1.63	0.97	1.99	1.96	2.31	3.48	3.68	3.66	4.80	5.53	5.49	8.32	4.23	
Fuel & light	3.35	4.18	5.20	5.02	5.83	6.41	7.51	8.18	9.37	10.99	13.03	14.32	20.26	10.23	
Clothing	-	0.63	0.23	0.21	1.31	1.54	1.98	3.21	5.46	10.43	16.86	14.85	78.69	14.35	
Foot-wear	-	-	-	0.20	0.28	0.35	0.39	0.68	1.08	1.23	1.90	2.98	7.63	1.69	
Misc. goods & services	2.52	4.51	5.08	4.92	8.74	11.31	14.48	15.67	22.25	31.85	44.56	62.64	128.28	34.67	
Durable goods	-	-	0.46	0.07	0.09	0.20	0.13	0.65	0.96	2.58	5.17	4.61	44.72	6.45	
Non-food total	6.70	10.97	11.95	12.41	18.19	22.11	27.96	32.06	42.78	61.88	87.06	104.89	287.89	71.63	
Total expenditure	25.89	35.77	45.78	55.47	65.35	77.34	92.68	111.83	138.05	172.36	224.02	276.83	526.29	176.36	
Consumer rent	-	-	0.42	-	0.06	0.11	0.69	0.42	0.89	1.96	5.15	8.74	16.70	3.28	
Consumer tax, cess	-	-	-	-	-	0.04	0.01	0.10	0.05	0.17	0.15	0.18	0.93	0.18	

16.6 Purpose classification of state government budgetary expenditure (accounts)

[Rs in lakhs]

Items	1978-81		1981-82		1982-83		1983-84		1984-85	
	Rs.	%	Rs.	%	Rs.	%	Rs.	%	Rs.	%
1	2	3	4	5	6	7	8	9	10	11
1. General government services	11118	15.92	11944	15.45	13255	16.87	16640	16.11	17859	16.20
1.1 General administration (external affairs, public order & safety)	11118	15.92	11944	15.45	13255	16.87	16640	16.11	17859	16.20
1.2 General research	-	-	-	-	-	-	-	-	-	-
2. Defence	-	-	-	-	-	-	-	-	-	-
3. Education	23696	33.94	28667	37.09	31810	40.49	36790	35.62	40539	36.78
3.1 General administration, regulation & research	648	0.93	662	0.86	802	1.02	972	0.94	1062	0.97
3.2 Schools, universities and other educational facilities including subsidiary services	23048	33.01	28005	36.23	31008	39.47	35818	34.68	39477	35.81
4. Health	5371	7.69	6182	8.00	6504	8.28	7429	7.19	9024	8.19
4.1 General administration, regulation & research	161	0.23	187	0.24	163	0.21	150	0.15	155	0.14
4.2 Hospital, clinic & individual health services	5210	7.46	5995	7.76	6341	8.07	7279	7.04	8869	8.05
5. Social security and welfare services	4734	6.78	4610	5.96	4305	5.48	6605	6.40	7410	6.72
6. Housing and community amenities	2299	3.30	3119	4.04	5156	6.56	6333	6.13	12427	11.27
7. Cultural, recreational & other regulation services	677	0.97	919	1.19	802	1.02	893	0.87	964	0.87
8. Economic services	20691	29.63	21290	27.55	15882	20.22	28268	27.37	18985	17.22
8.1 General administration, regulation & research	2766	3.96	2909	3.76	1403	1.79	1571	1.52	1928	1.75
8.2 Agriculture, forestry, fishing & hunting	5429	7.78	6545	8.47	4245	5.40	8392	8.13	6627	6.01
8.3 Mining, manufacturing & construction	3360	4.81	4110	5.32	2974	3.79	4473	4.33	4210	3.82
8.4 Electricity, gas, steam and power	2537	3.63	2608	3.38	1509	1.92	6852	6.63	11	0.01
8.5 Atomic energy	-	-	-	-	-	-	-	-	-	-
8.6 Transport & communication	4368	6.26	4197	5.43	4664	5.94	6115	5.92	5352	4.85
8.7 Other economic services	2231	3.19	921	1.19	1087	1.38	965	0.84	857	0.78
9. Other purposes	1236	1.77	555	0.72	844	1.08	321	0.31	3026	2.75
Grand total	69822	100.00	77286	100.0	78558	100.00	103279	100.00	110234	100.00

Source: Economic and purpose classification of Kerala govt. budget, DES.

16.7 Number of scheduled caste students enjoyed concession for school education for seventh plan (upto 87-88)

District	1985-86	1986-87	1987-88
1	2	3	4
Trivandrum	69993	71320	72143
Quilon	87026	63324	63297
Pathanamthitta	33201	33308	34499
Alleppey	40729	41007	41881
Kottayam	29822	29254	29961
Idukki	24321	28294	30669
Ernakulam	44900	43843	46326
Trichur	63034	65048	56262
Palghat	89116	86859	60820
Malappuram	44187	50075	49161
Kozhikode	48679	48385	45625
Cannanore	19039	19735	18602
Kasaragod	10979	9112	10621
State	605026	589564	559867

(Source:- Scheduled caste development department).

16.8 Number of scheduled tribe students enjoyed concession for school education

District	1985-86	1986-87	1987-88
1	2	3	4
Trivandrum	3091	3236	3193
Quilon	498	618	715
Pathanamthitta	1186	1273	1167
Alleppey	483	590	578
Kottayam	4042	4279	4062
Idukki	7851	7866	4052
Ernakulam	957	958	591
Trichur	655	688	652
Palghat	3636	4301	4946
Malappuram	934	1061	1223
Kozhikode	763	806	1510
Wayanad	18374	19459	18361
Cannanore	3182	3148	5808
Kasaragod	5412	5567	8382
Total	51064	53850	55240

(Source:- Scheduled tribe development department)

16.9 Number of scheduled caste students enjoyed concession for post-matric education during seventh plan (upto 87-88)

District	1985-86	1986-87	1987-
1	2	3	4
Trivandrum	3445	4441	5160
Quilon	3229	3475	3368
Pathanamthitta	3236	1894	2073
Alleppey	2263	2538	2775
Kottayam	2272	2473	2407
Idukki	241	739	337
Ernakulam	4491	3962	4322
Trichur	3430	4136	4994
Palghat	1129	1957	1625
Malappuram	1102	1240	3594
Kozhikode	3345	4581	3577
Cannanore	2115	1396	1391
Kasaragod	546	221	527
State	30844	33054	36420

(Source:- Scheduled caste development department).

16.10 Number of Scheduled tribes students enjoyed concess: for post-matriculation

District	1985-86	1986-87	1987-88
1	2	3	4
Trivandrum	137	210	110
Quilon	8	29	15
Pathanamthitta	3	61	35
Alleppey	16	15	27
Kottayam	421	563	563
Idukki	89	172	178
Ernakulam	96	224	230
Trichur	21	24	32
Palghat	21	28	30
Malappuram	11	18	11
Kozhikode	41	42	95
Wayanad	125	161	191
Cannanore	53	54	84
Kasaragod	117	125	293
Total	1160	1726	1894

Source: Scheduled tribe development dept.

NIEPA DC



D05197

State Information Systems Unit
 National Institute of Educational
 Planning and Administration
 17, B-2/Ambalika Marg, New Delhi-110002
 Date..... 30/4/97

STATISTICS FOR PLANNING 1988

Errata

Page	Table No.	Column	Line	Printed as	Read as	Page	Table No.	Column	Line	Printed as	Read as
5	1.7	10	8	2044	2440	71	2.31 Idukki	5	1	2896	2986
5	1.7	10	9	2440	2044	73	2.33	1	7	Major and	Minor and
10	1.21	Title		('000)	numbers	74	2.35	7	1	293440	298440
10	1.21	1	4	housing	hunting	77(a)	2.40(a)	6	8	11753	17753
19	2.5	8	10	2090985	2190985	92	2.58 Kallar valley	3	2	229990	22990
20	2.6	4	10	56.30	56.36	131	3.29	5	2	292862	29262
20	2.6	8	10	53.81	56.39	140	4.6	12	15	1016.93	2016.93
20	2.6	8	11	17.39	17.38	160	6.19	4	1	00	99
23	2.9-3	7	last line	108835	105835	166	6.26	2	19	16.19	18.19
25	2.9-9	9	last but one line	5944	27415	166	6.26	4	5	14.51	18.51
"	"	"	last line	197666	133562	203	9.6	7	1	10126378	1012205
26	2.9-11	8	4	225	2225	204	9.8	6	5	177450	77450
26	2.9-12	2	7	4259	4529	212	9.23	2	1	246	240
27	2.9-13	9	13	112	486	213	9.24	4	1	38	30
31	2.9-23	8	2	350	380	213	9.25	6	8	209	124
32	2.9-27	8	last line	54896	1260344	218	10.3	Title		in crores	in lakhs
33	2.10	7	10	5136	5186	219	10.4	Title		nil	(Rs '000)
"	"	"	13	381192	331192	224	10.4	4	21	1646346	1646364
35	2.11-4	8	5	4997	6407	224	10.4	5	7	327	337
"	"	9	5	7635	6243	228	11.1	10	8	1183.46	1187.46
37	2.11-11	2	2	159363	1595363	228	"	12	last line	66.74	106.74
37	2.11-12	9	9	10620	10602	228	"	5	"	1299.79	5299.79
38	2.11-14	3	5	53	543	229	"	10	21	1143.13	1144.13
40	2.11-21	2	11	10266	10226	230	11.3	1	7	plantain	plantation
43	2.13	2	5	7989	7879	231	11.5	13	10	012	102
50	2.16	7	1	534	434	231	11.5	13	last line	197	97
51	2.18	6	9	1751566	175566	234	11.8	6	2	65.91	6.91
52	2.20	4	5	15255	15285	238	12.1	7	2	29.63	229.63
62	2.26 Idukki	5	1	5044	3044	264	15.4	5	12	3617	3917
66	2.28	6	2	1291	1261		(constant price)				